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REPORT

NMTBA
The Association For Manufacturing Technology

Direct Dial: (703)827-5260

STATISTICAL

No. 118-88 September 23, 1988

U.S. Foreign Trade in Machine Tools First Six Months of 1988

On the strength of both growing exports and falling imports, the U.S. balance of trade in machine tools improved by over $100 million for the first six months of 1988 compared with the same time period in 1987. U.S. exports increased nearly 10% during the first half of this year, while U.S. imports fell 7%.

The table below details U.S. foreign trade in machine tools for both the second quarter and the first half of 1988. Highlights of the foreign trade activity in general and for specific countries are presented on the following pages.

U.S. Machine Tool Trade
($Millions)

	2nd Quarter 1988			6 Months 1988		
	Exports	Imports	Surplus (Deficit)	Exports	Imports	Surplus (Deficit)
Metal Cutting	$106.7	$351.8	($245.1)	$195.4	$ 745.8	($ 550.4)
Metal Forming	$ 83.3	$ 98.6	($ 15.3)	$155.3	$ 226.0	($ 70.7)
Total	$190.0	$450.3	($260.4)	$350.7	$ 971.8	($ 621.1)

EXPORTS

Compared to the first six months of 1987, exports of metal cutting and metal forming machinery both increased at a similar pace of 9.7% and 9.6%, respectively. Comparisons on a regional basis are shown on the following page for the first six months of 1988 and 1987.

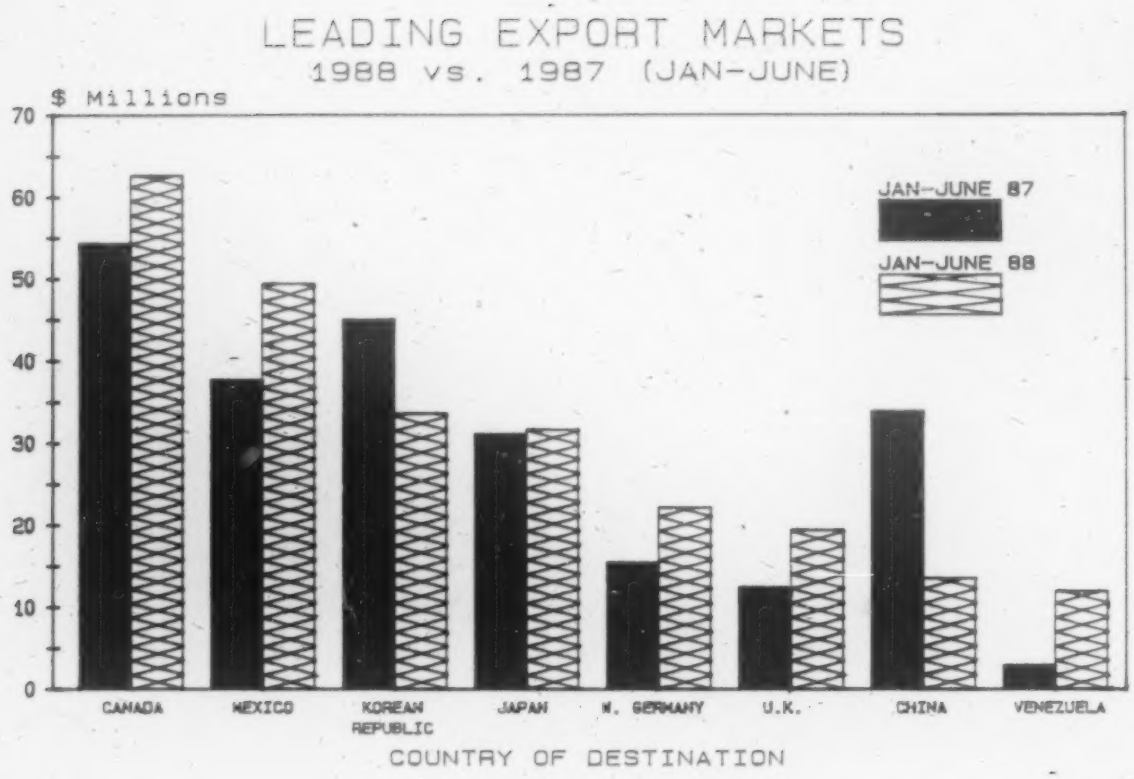
7901 WESTPARK DRIVE, McLEAN, VIRGINIA 22102-4269 / PHONE (703) 893-2900 / TLX: 353819 / FAX (703) 893-1151

	Jan-June 1988 (Millions)	Jan-June 1987 (Millions)	% Change
Asia	$119.4	$134.1	- 11.0%
N & C America	113.2	94.0	+ 20.4
Europe	82.9	65.2	+ 27.2
South America	23.5	16.3	+ 44.2
Oceania	8.8	5.8	+ 51.7
Africa	2.9	4.5	- 35.6
	$350.7	$319.9	+ 9.6%

Exports to eight countries represented 70% of total U.S. machine tool exports. Ranked by dollar value for January through June, the leading markets were:

	Jan-June 1988 $ Mil.	% of Total	Jan-June 1987 $ Mil.	% of Total	%Change 87:88 Dollar Value
Canada	$ 62.6	17.8%	$ 54.3	17.0%	+ 15.3%
Mexico	49.4	14.1	37.7	11.8	+ 31.0
Korean Republic	33.6	9.6	45.0	14.1	- 25.3
Japan	31.6	9.0	31.1	9.7	+ 1.6
West Germany	22.1	6.3	15.4	4.8	+ 43.5
United Kingdom	19.4	5.5	12.4	3.9	+ 56.5
China	13.5	3.9	33.9	10.6	- 60.2
Venezuela	11.9	3.4	2.9	0.9	+310.3
	$244.1	69.6%	$232.5	72.7%	+ 5.0%

Canada was the leading market for U.S. machine tools in the first half of 1988, accounting for 18% of total U.S. exports. Metal forming machinery exports to Canada jumped 25% from the same period last year to $26.6 million in 1988. Exports of metal cutting machinery increased to $36.0 million, up 9% from last year's level.



Mexico's share of U.S. exports continued to rise, increasing from 12% for the first half of 1987 to 14% in 1988. Metal cutting exports increased 46% to $33.7 million in 1988. Metal forming exports showed a 7% rise over last year, to $15.7 million.

U.S. exports to the Korean Republic decreased for metal forming machine tools during the first half of 1988 by 55% to $10.9 million. Metal cutting exports increased 8%, to $22.8 million. The Korean Republic's total share of U.S. exports fell from 14% during the first half of 1987 to 10% in 1988.

U.S. exports to Japan represented 9% of total U.S. machine tool exports for the first six months of 1988. Metal cutting exports fell 21%, down from $15.2 million to $12.0 million. Metal forming exports, at $19.6 million, were up 24% from the first half of 1987.

West Germany's share of total U.S. exports stood at 6% for the first six months of 1988, up from 5% last year. Exports of metal cutting machine tools fell 15% to $8.9 million while metal forming exports jumped 172% to stand at $13.1 million.

Total exports to the United Kingdom stood at $19.4 million for the current period, up 57% from last year's total. Metal cutting exports totaled $12.6 million, up 58% from the first half of 1987. Metal forming exports rose 55% from last year to $6.8 million.

Metal cutting exports to China during the first half of 1988 were $10.6 million, 32% below the comparable 1987 total. Exports of metal forming machine tools decreased 84% from last year, to $2.9 million. This activity amounted to a 4% share of U.S. exports for China, a decrease of 7 percentage points from last year.

Venezuela ranked as the eighth leading export market for U.S. machine tools in the first half of 1988 with a total share of 3%, up from less than 1% in 1987. Metal forming exports jumped 89% to $4.3 million. Exports of metal cutting machinery rose to $7.6 million in 1988, up from just $563 thousand in 1987.

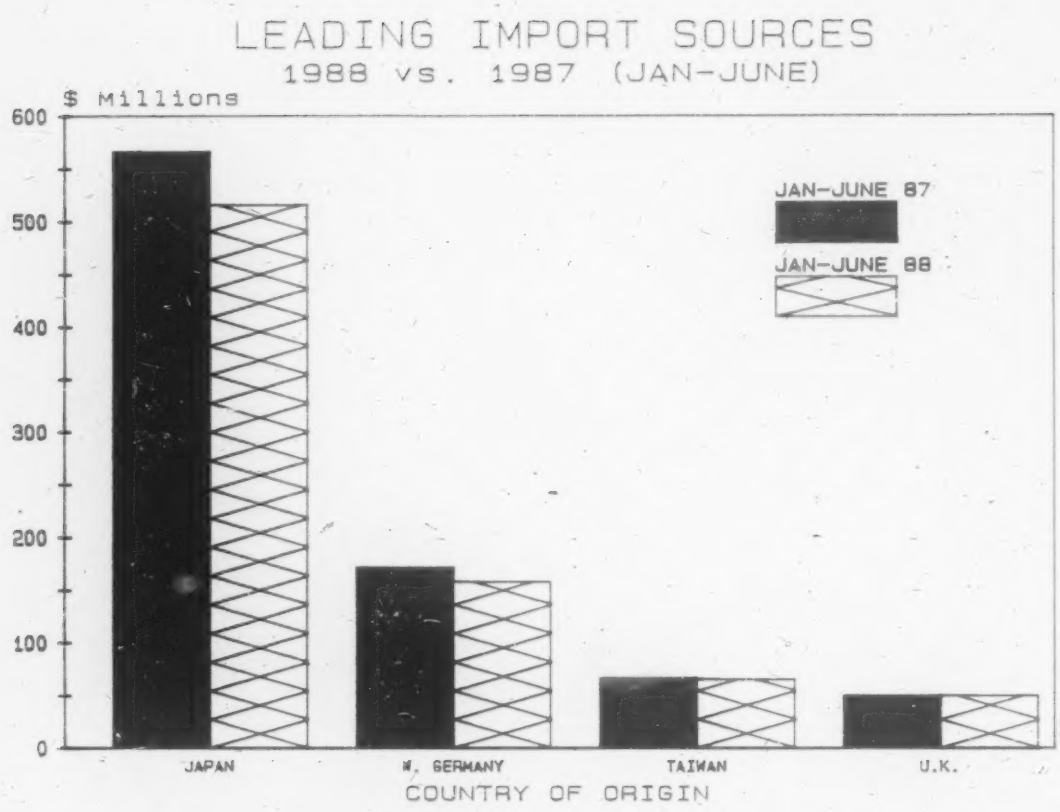
IMPORTS

U.S. imports of machine tools totaled $971.8 million during the first half of 1988. Imports of metal cutting machinery reached $745.8 million and metal forming imports stood at $226.0 million. Compared to the same period last year, metal cutting imports decreased 5% while metal forming imports fell 14%.

Four countries supplied 81% of total U.S. machine tool imports during the first six months of 1988. Decreases in dollar value occurred in Japan, West Germany and Taiwan while the United Kingdom showed a small increase.

	Jan-June 1988		Jan-June 1987		%Change 87:88
	$ Mil.	% of Total	$ Mil.	% of Total	Dollar Value
Japan	$515.7	53.1%	$566.3	54.2%	- 8.9%
West Germany	158.1	16.3	171.6	16.4	- 7.9
Taiwan	65.2	6.7	66.5	6.4	- 2.0
United Kingdom	49.8	5.1	49.7	4.8	+ 0.2
	$788.7	81.2%	$854.1	81.8%	- 7.7%

Japan was the leading exporter of machine tools to the U.S. in the first half of 1988, at $515.7 million down 9% from last year's level. Imports of metal cutting equipment from Japan fell 3% to $401.9 million. Metal forming imports dropped by 25% to $113.8 million.



Total U.S. imports from West Germany fell 8% from the first half of 1987 to $158.1 million. Both metal cutting and metal forming imports fell from the same period last year, dropping 5% and 21%, respectively. Metal cutting imports stood at $130.7 million and metal forming imports registered $27.3 million for the first six months of 1988.

The overall dollar value of Taiwan's exports of machine tools to the U.S. fell 2% to $65.2 million. Imports of metal cutting machinery dropped 5% from last year, to $61.9 million. Metal forming imports doubled from $1.6 million in 1987 to $3.3 million in 1988.

Imports from the United Kingdom increased 0.2% to stand at $49.8 million for the first half of 1988. Imports of metal cutting machine tools increased 3% to $40.8 million. Metal forming imports of $9.0 million represents an 11% decrease from the same period last year.

ES, I1, I2

U.S. IMPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
JUNE 1988

RELEASED: SEPTEMBER 23, 1988

		TOTAL YTD		TOTAL MO.	
674:	METAL CUTTING	UNITS	$000	UNITS	$000
3025	Gear Hobbers	37	5275	5	444
3035	Gear Shapers	8	1902	3	828
3045	Gear Cutting Machines, N.E.C.	23	1300	5	150
3404	Vertical Mach. Ctrs. ATC, NC, Y-Axis Travel 26" or Less	859	66959	118	10645
3406	Vertical Mach. Ctrs. ATC, NC, Y-Axis Travel Over 26"	43	4800	6	482
3409	Horizontal Machining Centers, ATC, NC	380	57038	48	7858
3411	Machining Centers, NC, N.E.C.	166	36376	35	2278
3412	Single Station and Multi-Station Transfer Machines	119	35711	17	11458
3413	Way Type Machines, (Unit Heads)	0	0	0	0
3417	Horiz. Boring-Drilling-Milling Machines, Table Type, NC	1	758	0	0
3418	Horiz. Boring-Drilling-Milling Machines, NC, N.E.C.	25	2932	2	275
3419	Vertical Boring-Drilling-Milling Machines, NC	62	7269	14	1481
3422	Horiz. Boring-Drilling-Milling Machines, Non-NC	3	1270	1	770
3423	Vertical Boring-Drilling-Milling Machines, Non-NC	81	2713	13	46
3328	Drilling Machines, NC	134	5269	31	961
3329	Drilling Machines, Multi-Spindle, Non-NC	37	422	0	0
3334	Drilling Machines, Radial, Non-NC	70	414	13	54
3336	Drilling Machines, Upright, Single Spindle, Non-NC	85	584	20	166
3342	Drilling Machines, Non-NC, N.E.C.	228	9419	49	2182
3464	Milling Machines, NC	153	16991	22	1403
3466	Milling Machines, Profiling, Dupl. & Die Sinking, Non-NC	14	422	3	55
3467	Milling Machines, Knee Type, Non-NC	1598	9664	326	1948
3468	Milling Machines, Bed Type, Non-NC	169	8716	31	3639
3469	Milling Machines, Non-NC, N.E.C.	1293	22655	254	4058
3476	Vertical Boring Machines, Incl. VTL's, NC	8	1591	0	0
3477	Vertical Boring Machines, Incl. VTL's, Non-NC	27	1126	2	28
3481	Boring Machines, NC, N.E.C.	4	907	0	0
3483	Boring Machines, Non-NC N.E.C.	197	4424	42	644
3504	Horizontal Lathes, Multi-Spindle, NC	79	8944	14	1660
3506	Horizontal Lathes, Single Spindle, Less than 25 HP, NC	1645	104476	291	17202
3508	Horizontal Lathes, Single Spindle, 25-50 HP, NC	217	25324	32	4414
3510	Horizontal Lathes, Single Spindle, Over 50 HP, NC	42	2543	1	91
3512	Horizontal Engine & Toolroom Lathes, Non-NC	1296	11530	208	1558
3513	Automatic Chucking Lathes, Single Spindle, Non-NC	2	143	0	0
3514	Automatic Chucking Lathes, Multi-Spindle, Non-NC	6	865	2	147
3515	Automatic Bar Machines, Single Spindle, Non-NC	89	2687	27	821
3516	Automatic Bar Machines, Multi-Spindle, Non-NC	36	1563	2	93
3518	Horizontal Lathes, Non-NC, N.E.C.	137	2912	61	758
3505	Vertical Lathes, Multi-Spindle, NC	22	1754	1	97
3519	Vertical Lathes, NSPF, NC	73	6606	12	1023
3522	Vertical Lathes, Excl. VTL's, Non-NC	527	10969	122	2015
3527	Gear Tooth Grinding & Finishing Machines	341	13369	90	1047
3528	Tool & Cutter Grinding Machines, NC	47	1614	18	292
3529	Tool & Cutter Grinding Machines, Non-NC	577	21757	75	1005
3533	Honing & Lapping Machines	214	12949	31	368
3539	Grinding Machines, Flat Surface, NC	35	2998	12	782
3541	Grinding Machines, Flat Surface, Reciprocating Table, Non-NC	344	5337	99	1727
3543	Grinding Machines, Flat Surface, Non-NC, N.E.C.	1168	12[illegible]2	106	1409
3546	Grinding & Polishing Machines, NC, N.E.C.	92	1[illegible]5	16	1658
3554	External Grinding Machines, Non-NC	205	6962	51	2070
3556	Internal Grinding Machines, Non-NC	29	2122	4	123
3558	Grinding, Polishing & Buffing Machines, Non-NC, N.E.C.	80	2068	7	311
3559	Grinding Machines, Non-NC, N.E.C.	606	16107	129	2953
3562	Traveling Wire Electrical Discharge Machines	420	29427	72	5924
3564	All Other Electrical Discharge Machines	187	9382	27	1226
3567	Spark Erosion, Ultrasonic & Electrolytic Machines, NC	52	6805	12	1699
3571	Spark Erosion, Ultrasonic & Electrolytic Machines, Non-NC	500	3352	49	92
3576	Metal Cutting Machines Tools, NC, N.E.C.	139	8515	27	940
3577	Sawing & Cut-Off Machines, Non-NC	775	11409	100	906
3578	Broaching Machines, Non-NC	110	1586	3	214
3579	Metal Cutting Machine Tools, Non-NC, N.E.C.	777	22344	144	5658
4000	Metal Cutting Machine Tools, Used or Rebuilt*	1013	9639	126	802
5000	Metal Cutting Machine Tools, Less Than $2500**	456331	47805	86495	8882
	TOTAL CUTTING			89526	121816
	TOTAL CUTTING YTD	474037	745828		
674:	METAL FORMING				
1010	Die Casting Machines	247	19515	22	2015
3582	Metal Forming Machine Tools, Used or Rebuilt	288	2695	34	275
3583	Metal Forming Machine Tools, Less Than $2500	13228	5691	1996	1027
3584	Punching and Shearing Machines, Incl. Combination, NC	144	16372	19	3051
3586	Shearing Machines, Non-NC	334	6541	60	1762
3587	Punching & Combination Punching & Shearing Machines, Non-NC	288	6205	60	1923
3588	Bending, Folding, Straightening & Flattening Machines, NC	151	9593	20	2379
3589	Press Brakes, Non-NC	297	7625	42	1488
3591	Bending Rolls, Ram & Press Bending Machines, Non-NC	54	850	7	83
3592	Bending, Folding, Str. & Flattening Machines, Non-NC, N.E.C.	594	21029	142	7240
3593	Metal Forming Machine Tools, NC, N.E.C.	28	20741	2	111
3594	Mechanical Presses, Non-NC	269	31303	49	3094
3595	Hydraulic Presses, Vertical, Single Action, Non-NC	31	1480	2	117
3596	Hydraulic & Pneumatic Presses, Non-NC, N.E.C.	533	22795	207	9828
3597	Headers & Upsetters, Non-NC	28	4497	9	1579
3598	Forging Machines, Non-NC, N.E.C.	49	11449	11	593
3599	Metal Forming Machine Tools, Non-NC, N.E.C.	1395	37587	290	5999
	TOTAL FORMING			2972	42565
	TOTAL FORMING YTD	17958	225965		
	TOTAL ALL TYPES			92498	164381
	TOTAL ALL TYPES YTD	491995	971793		

*CODE 6744000 SHOWN ABOVE REPRESENTS COMBINED DATA FROM CODES 674: 3015, 3415, 3326, 3461,3472, 3502, 3524, & 3573

**CODE 6745000 SHOWN ABOVE REPRESENTS COMBINED DATA FROM CODES 674: 3100, 3462, 3473, 3503, 3526, & 3574

U.S. IMPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
JUNE 1988

	AUSTRIA		BELGIUM		DENMARK		FRANCE		ITALY	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3025	0	0	0	0	0	0	0	0	1	20
3035	0	0	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	0	0	0	0
3404	0	0	0	0	0	0	0	0	0	0
3406	0	0	0	0	0	0	0	0	0	0
3409	0	0	0	0	0	0	0	0	0	0
3411	0	0	0	0	0	0	0	0	1	47
3412	0	0	0	0	0	0	0	0	0	0
3413	0	0	0	0	0	0	0	0	0	0
3417	0	0	0	0	0	0	0	0	0	0
3418	0	0	0	0	0	0	0	0	0	0
3419	0	0	0	0	0	0	0	0	0	0
3422	0	0	0	0	0	0	0	0	1	770
3423	0	0	0	0	0	0	0	0	0	0
3328	0	0	0	0	0	0	0	0	0	0
3329	0	0	0	0	0	0	0	0	0	0
3334	0	0	0	0	0	0	0	0	0	0
3336	0	0	0	0	0	0	0	0	4	53
3342	0	0	0	0	0	0	0	0	12	1070
3464	0	0	0	0	0	0	0	0	1	136
3466	0	0	0	0	0	0	0	0	0	0
3467	0	0	0	0	0	0	0	0	0	0
3468	0	0	0	0	0	0	0	0	0	0
3469	0	0	0	0	0	0	0	0	1	6
3476	0	0	0	0	0	0	0	0	0	0
3477	0	0	0	0	0	0	0	0	1	19
3481	0	0	0	0	0	0	0	0	0	0
3483	0	0	0	0	0	0	0	0	11	116
3504	0	0	0	0	0	0	0	0	0	0
3506	0	0	0	0	0	0	1	16	0	0
3508	0	0	0	0	0	0	3	257	0	0
3510	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3513	0	0	0	0	0	0	0	0	0	0
3514	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	0	0	0	0	0	0	0	0
3505	0	0	0	0	0	0	0	0	0	0
3519	0	0	0	0	0	0	0	0	1	61
3522	17	271	0	0	0	0	0	0	0	0
3527	0	0	0	0	0	0	0	0	0	0
3528	0	0	0	0	0	0	0	0	16	268
3529	0	0	0	0	0	0	0	0	7	36
3533	0	0	0	0	2	32	0	0	13	54
3539	0	0	0	0	0	0	0	0	0	0
354[illegible]	0	0	0	0	0	0	0	0	15	207
3543	0	0	0	0	0	0	0	0	1	5
3546	0	0	0	0	0	0	0	0	0	0
3554	0	0	0	0	0	0	0	0	4	51
3556	0	0	0	0	0	0	0	0	0	0
3558	0	0	0	0	0	0	0	0	0	0
3559	40	315	0	0	13	64	0	0	17	156
3562	0	0	0	0	0	0	0	0	0	0
3564	0	0	0	0	0	0	6	144	0	0
3567	0	0	0	0	0	0	0	0	0	0
3571	0	0	0	0	0	0	0	0	0	0
3576	0	0	0	0	0	0	0	0	1	17
3577	0	0	0	0	0	0	2	51	19	93
3578	0	0	0	0	0	0	0	0	0	0
3579	0	0	0	0	1	20	24	290	0	0
4000	0	0	1	5	0	0	1	4	1	12
5000	76	24	2	1	12	11	401	276	808	170
CUT MO.	133	610	3	6	28	127	438	1038	936	3367
CUT YTD	1799	4429	263	1085	245	816	2268	5033	5116	17308
1010	0	0	0	0	0	0	0	0	0	0
3582	0	0	0	0	1	8	0	0	0	0
3583	30	10	5	3	0	0	146	132	13	12
3584	0	0	0	0	0	0	0	0	1	60
3586	0	0	1	35	0	0	0	0	10	224
3587	0	0	0	0	0	0	0	0	16	89
3588	0	0	1	135	0	0	0	0	1	126
3589	0	0	3	176	0	0	0	0	0	0
3591	0	0	0	0	0	0	0	0	0	0
3592	0	0	2	618	0	0	0	0	27	3139
3593	0	0	0	0	0	0	0	0	0	0
3594	0	0	0	0	0	0	0	0	2	17
3595	1	83	0	0	0	0	0	0	0	0
3596	0	0	1	34	0	0	0	0	4	35
3597	0	0	0	0	0	0	0	0	2	272
3598	0	0	0	0	0	0	0	0	0	0
3599	0	0	15	701	0	0	34	105	17	1029
FRM MO.	31	93	28	1702	1	8	180	237	93	5003
FRM YTD	47	231	605	6962	43	490	657	3059	1581	17480
TOT MO.	164	703	31	1708	29	135	618	1275	1029	8370
TOT YTD	1846	4660	868	8047	288	1306	2925	8092	6697	34788

U.S. IMPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
JUNE 1988

	NETHERLANDS		PORTUGAL		SPAIN		SWEDEN		SWITZERLAND	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3025	0	0	0	0	0	0	0	0	0	0
3035	0	0	0	0	0	0	0	0	0	0
3045	0	0	0	0	1	6	3	91	0	0
3404	0	0	0	0	0	0	0	0	0	0
3406	0	0	0	0	0	0	0	0	0	0
3409	0	0	0	0	0	0	0	0	0	0
3411	0	0	0	0	0	0	0	0	7	132
3412	0	0	0	0	0	0	0	0	6	1002
3413	0	0	0	0	0	0	0	0	0	0
3417	0	0	0	0	0	0	0	0	0	0
3418	0	0	0	0	0	0	0	0	0	0
3419	0	0	0	0	0	0	0	0	4	740
3422	0	0	0	0	0	0	0	0	0	0
3423	0	0	0	0	0	0	0	0	0	0
3328	0	0	0	0	0	0	0	0	0	0
3329	0	0	0	0	0	0	0	0	0	0
3334	0	0	0	0	0	0	0	0	0	0
3336	0	0	0	0	0	0	1	39	0	0
3342	0	0	0	0	10	32	7	61	1	25
3464	0	0	0	0	0	0	0	0	0	0
3466	0	0	0	0	0	0	0	0	0	0
3467	0	0	0	0	143	927	0	0	0	0
3468	0	0	0	0	0	0	0	0	0	0
3469	0	0	0	0	15	74	0	0	2	145
3476	0	0	0	0	0	0	0	0	0	0
3477	0	0	0	0	0	0	0	0	0	0
3481	0	0	0	0	0	0	0	0	0	0
3483	0	0	0	0	0	0	0	0	0	0
3504	0	0	0	0	0	0	0	0	0	0
3506	0	0	0	0	0	0	0	0	0	0
3508	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3513	0	0	0	0	0	0	0	0	0	0
3514	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	1	70
3516	0	0	0	0	0	0	0	0	2	93
3518	0	0	0	0	0	0	0	0	0	0
3505	0	0	0	0	0	0	0	0	0	0
3519	1	6	0	0	3	161	0	0	2	17
3522	0	0	0	0	0	0	1	13	1	33
3527	0	0	0	0	0	0	0	0	4	344
3528	0	0	0	0	0	0	0	0	0	0
3529	0	0	0	0	0	0	1	9	16	87
3533	0	0	0	0	0	0	0	0	0	0
3539	0	0	0	0	0	0	0	0	0	0
3541	0	0	0	0	0	0	0	0	0	0
3543	1	443	0	0	1	44	0	0	1	59
3546	0	0	0	0	0	0	0	0	0	0
3554	0	0	0	0	0	0	9	445	11	1282
3556	0	0	0	0	0	0	0	0	0	0
3558	3	90	0	0	0	0	0	0	2	152
3559	3	273	0	0	0	0	0	0	7	393
3562	0	0	0	0	6	87	0	0	6	744
3564	0	0	0	0	0	0	0	0	2	238
3567	0	0	0	0	0	0	0	0	0	0
3571	0	0	0	0	0	0	0	0	0	0
3576	0	0	0	0	0	0	0	0	0	0
3577	8	27	0	0	0	0	0	0	0	0
3578	0	0	0	0	0	0	0	0	0	0
3579	0	0	0	0	0	0	1	3	6	239
4000	1	3	0	0	1	4	2	17	5	4
5000	81	99	0	0	5	1	174	208	1130	80
CUT MO.	98	941	0	0	185	1336	199	886	1216	5879
CUT YTD	4328	2928	22	38	1116	8562	978	3745	3021	35543
1010	0	0	0	0	0	0	0	0	0	0
3582	0	0	0	0	0	0	0	0	0	0
3583	1	1	0	0	75	54	9	7	179	22
3584	0	0	0	0	0	0	0	0	4	503
3586	2	18	1	19	0	0	0	0	0	0
3587	0	0	0	0	20	168	6	87	0	0
3588	0	0	0	0	0	0	0	0	0	0
3589	0	0	2	18	0	0	0	0	0	0
3591	0	0	0	0	0	0	5	56	0	0
3592	0	0	1	4	0	0	5	106	1	15
3593	0	0	0	0	0	0	1	59	0	0
3594	1	321	4	44	0	0	0	0	0	0
3595	0	0	0	0	0	0	0	0	0	0
3596	0	0	0	0	0	0	1	169	1	310
3597	0	0	0	0	0	0	0	0	1	183
3598	0	0	0	0	0	0	0	0	1	4
3599	0	0	0	0	7	501	30	84	13	180
FRM MO.	4	340	8	85	102	723	57	568	200	1217
FRM YTD	34	1280	48	488	515	2053	493	2584	922	10586
TOT MO.	102	1281	8	85	287	2059	256	1454	1416	7096
TOT YTD	4362	4208	70	526	1631	10615	1471	6329	3943	46129

U.S. IMPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
JUNE 1988

	U. KINGDOM		W. GERMANY		YUGOSLAVIA		CANADA		BRAZIL	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3025	0	0	1	246	0	0	0	0	0	0
3035	0	0	3	828	0	0	0	0	0	0
3045	0	0	1	53	0	0	0	0	0	0
3404	12	1092	0	0	0	0	0	0	0	0
3406	0	0	0	0	0	0	0	0	0	0
3409	0	0	0	0	0	0	0	0	0	0
3411	0	0	1	30	0	0	10	61	0	0
3412	0	0	1	938	0	0	0	0	0	0
3413	0	0	0	0	0	0	0	0	0	0
3417	0	0	0	0	0	0	0	0	0	0
3418	0	0	0	0	0	0	0	0	0	0
3419	0	0	3	520	0	0	0	0	0	0
3422	0	0	0	0	0	0	0	0	0	0
3423	0	0	0	0	0	0	0	0	0	0
3328	0	0	0	0	0	0	0	0	0	0
3329	0	0	0	0	0	0	0	0	0	0
3334	0	0	0	0	0	0	0	0	2	17
3336	0	0	5	39	0	0	0	0	0	0
3342	4	20	3	723	0	0	4	175	0	0
3464	2	188	3	270	0	0	0	0	0	0
3466	0	0	2	19	0	0	0	0	0	0
3467	4	44	0	0	0	0	0	0	0	0
3468	0	0	17	3591	0	0	0	0	0	0
3469	162	1338	9	2117	0	0	33	183	0	0
3476	0	0	0	0	0	0	0	0	0	0
3477	0	0	0	0	0	0	0	0	0	0
3481	0	0	0	0	0	0	0	0	0	0
3483	0	0	28	462	0	0	2	42	0	0
3504	0	0	0	0	0	0	0	0	0	0
3506	21	641	19	526	0	0	0	0	0	0
3508	0	0	3	398	0	0	0	0	1	5
3510	0	0	0	0	0	0	0	0	0	0
3512	10	213	0	0	40	266	0	0	47	281
3513	0	0	0	0	0	0	0	0	0	0
3514	0	0	0	0	0	0	0	0	0	0
3515	0	0	3	90	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	2	75	2	474	0	0	1	4	56	205
3505	1	97	0	0	0	0	0	0	0	0
3519	0	0	1	285	0	0	0	0	0	0
3522	9	118	4	36	0	0	39	650	8	37
3527	0	0	2	19	0	0	1	9	0	0
3528	0	0	0	0	0	0	0	0	0	0
3529	3	17	28	564	0	0	2	36	0	0
3533	14	110	2	172	0	0	0	0	0	0
3539	0	0	1	461	0	0	0	0	0	0
3541	0	0	1	211	0	0	0	0	0	0
3543	0	0	9	142	0	0	0	0	0	0
3546	2	268	6	344	0	0	0	0	0	0
3554	3	77	21	64	0	0	0	0	0	0
3556	0	0	4	123	0	0	0	0	0	0
3558	0	0	0	0	0	0	0	0	0	0
3559	6	1012	17	328	0	0	0	0	0	0
3562	0	0	2	334	0	0	0	0	0	0
3564	1	15	1	76	0	0	0	0	0	0
3567	0	0	1	205	0	0	0	0	0	0
3571	0	0	0	0	0	0	0	0	0	0
3576	3	37	6	410	0	0	10	230	0	0
3577	14	54	10	151	1	3	13	105	0	0
3578	3	214	0	0	0	0	0	0	0	0
3579	24	585	23	305	0	0	24	412	0	0
4000	32	140	32	225	0	0	14	200	0	0
5000	434	169	465	223	25	35	297	210	0	0
CUT MO.	766	6524	740	16002	66	304	450	2317	114	545
CUT YTD	6787	40808	7044	130732	221	1100	4957	8642	367	1928
1010	1	2	13	126	0	0	4	47	0	0
3582	4	16	1	20	0	0	25	133	0	0
3583	3	3	167	209	0	0	77	40	0	0
3584	0	0	4	877	0	0	0	0	0	0
3586	21	104	1	960	0	0	2	75	0	0
3587	1	5	4	43	0	0	1	12	0	0
3588	2	346	0	0	0	0	4	66	0	0
3589	0	0	0	0	0	0	14	358	0	0
3591	1	4	0	0	0	0	0	0	0	0
3592	16	521	0	0	0	0	32	710	2	8
3593	0	0	0	0	0	0	0	0	0	0
3594	1	98	0	0	0	0	2	77	0	0
3595	0	0	0	0	0	0	0	0	0	0
3596	2	63	5	160	0	0	8	193	0	0
3597	0	0	0	0	0	0	0	0	0	0
3598	1	6	8	402	0	0	0	0	0	0
3599	38	529	39	784	0	0	6	404	0	0
FRM MO.	91	1697	242	3581	0	0	175	2115	2	8
FRM YTD	645	8993	2600	27323	0	0	948	22640	16	66
TOT MO.	857	8221	982	19583	66	304	625	4432	116	553
TOT YTD	7432	49801	9644	158055	221	1100	5905	31282	383	1994

U.S. IMPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
JUNE 1988

	CHINA		ISRAEL		JAPAN		KOREAN REP.		SINGAPORE	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3025	0	0	0	0	3	178	0	0	0	0
3035	0	0	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	0	0	0	0
3404	0	0	0	0	98	9131	0	0	0	0
3406	0	0	0	0	2	291	0	0	0	0
3409	5	91	0	0	43	7767	0	0	0	0
3411	0	0	0	0	13	1678	0	0	0	0
3412	0	0	0	0	10	9518	0	0	0	0
3413	0	0	0	0	0	0	0	0	0	0
3417	0	0	0	0	0	0	0	0	0	0
3418	0	0	0	0	2	275	0	0	0	0
3419	0	0	0	0	1	55	0	0	0	0
3422	0	0	0	0	0	0	0	0	0	0
3423	0	0	0	0	1	3	0	0	0	0
3328	0	0	0	0	31	961	0	0	0	0
3329	0	0	0	0	0	0	0	0	0	0
3334	0	0	0	0	0	0	0	0	0	0
3336	0	0	0	0	0	0	0	0	0	0
3342	0	0	0	0	0	0	1	35	0	0
3464	0	0	0	0	1	201	0	0	0	0
3466	0	0	0	0	1	36	0	0	0	0
3467	2	99	0	0	0	0	0	0	0	0
3468	0	0	0	0	0	0	0	0	0	0
3469	20	97	0	0	1	12	0	0	0	0
3476	0	0	0	0	0	0	0	0	0	0
3477	0	0	0	0	1	9	0	0	0	0
3481	0	0	0	0	0	0	0	0	0	0
3483	0	0	0	0	0	0	0	0	0	0
3504	0	0	0	0	13	1590	0	0	0	0
3506	0	0	0	0	236	15249	0	0	0	0
3508	0	0	0	0	24	3718	0	0	0	0
3510	0	0	0	0	1	91	0	0	0	0
3512	2	19	0	0	0	0	14	137	0	0
3513	0	0	0	0	0	0	0	0	0	0
3514	0	0	0	0	2	147	0	0	0	0
3515	0	0	0	0	20	630	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	0	0	0	0	0	0	0	0
3505	0	0	0	0	0	0	0	0	0	0
3519	0	0	0	0	2	482	2	11	0	0
3522	0	0	0	0	3	612	13	75	0	0
3527	0	0	0	0	59	522	0	0	0	0
3528	0	0	0	0	0	0	0	0	0	0
3529	0	0	0	0	4	114	0	0	0	0
3533	0	0	0	0	0	0	0	0	0	0
3539	0	0	0	0	11	321	0	0	0	0
3541	0	0	0	0	7	629	0	0	67	622
3543	1	33	0	0	30	342	0	0	0	0
3546	0	0	0	0	8	1046	0	0	0	0
3554	0	0	0	0	2	132	0	0	0	0
3556	0	0	0	0	0	0	0	0	0	0
3558	1	12	0	0	1	57	0	0	0	0
3559	3	72	0	0	11	301	0	0	0	0
3562	0	0	0	0	57	4743	0	0	0	0
3564	0	0	0	0	9	668	0	0	0	0
3567	0	0	0	0	11	1494	0	0	0	0
3571	0	0	0	0	49	92	0	0	0	0
3576	0	0	0	0	7	246	0	0	0	0
3577	0	0	2	97	10	224	0	0	1	6
3578	0	0	0	0	0	0	0	0	0	0
3579	0	0	0	0	41	3804	0	0	0	0
4000	0	0	0	0	6	85	0	0	0	0
5000	4979	175	46	3	4006	977	0	0	0	0
CUT MO.	5013	598	48	100	4838	68431	30	258	68	628
CUT YTD	16703	2842	276	808	31436	401920	1372	6178	413	3732
1010	0	0	0	0	2	1816	0	0	0	0
3582	0	0	0	0	3	98	0	0	0	0
3583	0	0	0	0	189	184	0	0	0	0
3584	0	0	0	0	10	1611	0	0	0	0
3586	0	0	0	0	7	160	0	0	15	167
3587	0	0	0	0	12	1519	0	0	0	0
3588	0	0	0	0	12	1706	0	0	0	0
3589	0	0	0	0	23	936	0	0	0	0
3591	0	0	0	0	1	23	0	0	0	0
3592	0	0	0	0	45	2069	0	0	0	0
3593	0	0	0	0	0	0	0	0	0	0
3594	0	0	0	0	23	2103	0	0	0	0
3595	0	0	0	0	1	34	0	0	0	0
3596	9	61	0	0	169	8367	0	0	0	0
3597	0	0	0	0	6	1124	0	0	0	0
3598	0	0	0	0	1	181	0	0	0	0
3599	0	0	1	113	80	1506	8	50	0	0
FRM MO.	9	61	1	113	584	23437	8	50	15	167
FRM YTD	12	121	54	840	2362	113762	47	145	285	1046
TOT MO.	5022	559	49	213	5422	91868	38	308	83	795
TOT YTD	16715	2963	330	1648	33798	515682	1419	6323	698	4778

U.S IMPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
JUNE 1988

674	TAIWAN		AUSTRALIA		ALL OTHERS	
	UNITS	$000	UNITS	$000	UNITS	$000
3025	0	0	0	0	0	0
3035	0	0	0	0	0	0
3045	0	0	0	0	0	0
3404	8	422	0	0	0	0
3406	4	191	0	0	0	0
3409	0	0	0	0	0	0
3411	3	330	0	0	0	0
3412	0	0	0	0	0	0
3413	0	0	0	0	0	0
3417	0	0	0	0	0	0
3418	0	0	0	0	0	0
3419	6	166	0	0	0	0
3422	0	0	0	0	0	0
3423	12	43	0	0	0	0
3328	0	0	0	0	0	0
3329	0	0	0	0	0	0
3334	11	37	0	0	0	0
3336	10	35	0	0	0	0
3342	7	41	0	0	0	0
3464	15	608	0	0	0	0
3466	0	0	0	0	0	0
3467	176	866	0	0	1	12
3468	14	48	0	0	0	0
3469	11	86	0	0	0	0
3476	0	0	0	0	0	0
3477	0	0	0	0	0	0
3481	0	0	0	0	0	0
3483	0	0	0	0	1	24
3504	1	70	0	0	0	0
3506	13	741	0	0	1	29
3508	1	36	0	0	0	0
3510	0	0	0	0	0	0
3512	77	404	0	0	18	238
3513	0	0	0	0	0	0
3514	0	0	0	0	0	0
3515	3	31	0	0	0	0
3516	0	0	0	0	0	0
3518	0	0	0	0	0	0
3505	0	0	0	0	0	0
3519	0	0	0	0	0	0
3522	26	154	1	16	0	0
3527	23	144	0	0	1	9
3528	2	24	0	0	0	0
3529	5	50	3	10	6	82
3533	0	0	0	0	0	0
3539	0	0	0	0	0	0
3541	9	58	0	0	0	0
3543	62	341	0	0	0	0
3546	0	0	0	0	0	0
3554	1	19	0	0	0	0
3556	0	0	0	0	0	0
3558	0	0	0	0	0	0
3559	12	39	0	0	0	0
3562	1	16	0	0	0	0
3564	0	0	8	85	0	0
3567	0	0	0	0	0	0
3571	0	0	0	0	0	0
3576	0	0	0	0	0	0
3577	17	87	0	0	3	8
3578	0	0	0	0	0	0
3579	0	0	0	0	0	0
4000	24	58	0	0	6	45
5000	66193	5893	31	17	7330	310
CUT MO.	66747	11038	43	128	7367	757
CUT YTD	338100	61871	229	903	46976	4896
1010	2	24	0	0	0	0
3582	0	0	0	0	0	0
3583	1027	279	0	0	75	71
3584	0	0	0	0	0	0
3586	0	0	0	0	0	0
3587	0	0	0	0	0	0
3588	0	0	0	0	0	0
3589	0	0	0	0	0	0
3591	0	0	0	0	0	0
3592	1	25	0	0	10	25
3593	0	0	0	0	1	52
3594	16	434	0	0	0	0
3595	0	0	0	0	0	0
3596	3	124	0	0	4	312
3597	0	0	0	0	0	0
3598	0	0	0	0	0	0
3599	0	0	0	0	2	13
FRM MO.	1049	-886	0	0	92	473
FRM YTD	5621	3304	5	208	418	2307
TOT MO.	67796	11924	43	128	7459	1230
TOT YTD	343721	65175	234	1111	47394	7203

U.S. IMPORTS OF MACHINE TOOLS TOTAL AND COUNTRIES OF ORIGIN
THE FOLLOWING IS A BREAKDOWN OF THE ACTIVITY BY COUNTRY WHICH IS INCLUDED IN THE ALL OTHER COLUMN
JUNE 1988

	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	$000	UNITS	$000	UNITS	$000
OTHER EUROPE						
AZORES	0	0	0	0	0	0
BULGARIA	0	0	0	0	0	0
CYPRUS	0	0	0	0	0	0
CZECHOSLOVAKIA	11	148	0	0	11	148
EAST GERMANY	5	85	0	0	5	85
FINLAND	0	0	35	30	35	30
GIBRALTAR	0	0	0	0	0	0
GREECE	0	0	0	0	0	0
HUNGARY	0	0	0	0	0	0
ICELAND	0	0	0	0	0	0
IRELAND	0	0	0	0	0	0
MALTA	0	0	0	0	0	0
NORWAY	0	0	1	52	1	52
POLAND	11	119	0	0	11	119
ROMANIA	0	0	0	0	0	0
USSR	0	0	0	0	0	0
OTHER EUROPE	3	31	0	0	3	31
TOTAL	30	383	36	82	66	465
OTHER NORTH AND CENTRAL AMERICA						
BAHAMAS	0	0	0	0	0	0
BARBADOS	0	0	0	0	0	0
BELIZE	0	0	0	0	0	0
BERMUDA	0	0	0	0	0	0
CAYMAN	0	0	0	0	0	0
COSTA RICA	0	0	0	0	0	0
DOMINICAN REP.	0	0	0	0	0	0
FR. W. INDIES	0	0	0	0	0	0
GUATEMALA	0	0	0	0	0	0
HAITI	0	0	0	0	0	0
HONDURAS	0	0	0	0	0	0
JAMAICA	0	0	0	0	0	0
LW & WW IS.	0	0	0	0	0	0
MEXICO	7235	262	36	371	7271	633
NICARAGUA	0	0	0	0	0	0
N. ANTILLES	0	0	0	0	0	0
PANAMA	0	0	0	0	0	0
SALVADOR	0	0	0	0	0	0
TRINIDAD	0	0	0	0	0	0
TURK ISLAND	0	0	0	0	0	0
OTHER N & C AM.	0	0	0	0	0	0
TOTAL	7235	262	36	371	7271	633
OTHER SOUTH AMERICA						
ARGENTINA	1	22	0	0	1	22
BOLIVIA	0	0	0	0	0	0
CHILE	0	0	0	0	0	0
COLOMBIA	0	0	0	0	0	0
ECUADOR	0	0	0	0	0	0
FRENCH GUIANA	0	0	0	0	0	0
GUYANA	0	0	0	0	0	0
PARAGUAY	0	0	0	0	0	0
PERU	0	0	0	0	0	0
SURINAM	0	0	0	0	0	0
URAGUAY	0	0	0	0	0	0
VENEZUELA	0	0	0	0	0	0
OTHER S. AM.	0	0	0	0	0	0
TOTAL	1	22	0	0	1	22
OTHER OCEANIA						
FR. PAC. IS.	0	0	0	0	0	0
NEW GUINEA	0	0	0	0	0	0
NEW ZEALAND	0	0	0	0	0	0
SAMOA	0	0	0	0	0	0
TERR. PAC. IS.	0	0	0	0	0	0
OTH. PAC. IS.	0	0	0	0	0	0
OTHER OCEANIA	0	0	0	0	0	0
TOTAL	0	0	0	0	0	0

U.S. IMPORTS OF MACHINE TOOLS TOTAL AND COUNTRIES OF ORIGIN
THE FOLLOWING IS A BREAKDOWN OF THE ACTIVITY BY COUNTRY WHICH IS INCLUDED IN THE ALL OTHER COLUMN.
JUNE 1988

	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	$000	UNITS	$000	UNITS	$000
OTHER ASIA						
ADEN	0	0	0	0	0	0
AFGHANISTAN	0	0	0	0	0	0
ARAB EMIRATES	0	0	0	0	0	0
BAHRAIN	0	0	0	0	0	0
BANGLADESH	0	0	0	0	0	0
BRUNEI	0	0	0	0	0	0
BURMA	0	0	0	0	0	0
GAZA STRIP	0	0	0	0	0	0
HONG KONG	87	41	0	0	87	41
INDIA	10	14	20	20	30	34
INDONESIA	0	0	0	0	0	0
IRAN	0	0	0	0	0	0
IRAQ	0	0	0	0	0	0
JORDAN	0	0	0	0	0	0
KUWAIT	0	0	0	0	0	0
LEBANON	0	0	0	0	0	0
MALAYSIA	0	0	0	0	0	0
NEPAL	0	0	0	0	0	0
OMAN	0	0	0	0	0	0
PAKISTAN	0	0	0	0	0	0
PHILIPPINES	0	0	0	0	0	0
QATAR	0	0	0	0	0	0
SAUDI ARABIA	0	0	0	0	0	0
SRI LANKA	0	0	0	0	0	0
SYRIA	0	0	0	0	0	0
THAILAND	0	0	0	0	0	0
TURKEY	0	0	0	0	0	0
YEMEN	0	0	0	0	0	0
OTHER ASIA	0	0	0	0	0	0
TOTAL	97	55	20	20	117	75
OTHER AFRICA						
AFARS & ISSAS	0	0	0	0	0	0
ALGERIA	0	0	0	0	0	0
ANGOLA	0	0	0	0	0	0
BENIN	0	0	0	0	0	0
BOTSWANA	0	0	0	0	0	0
CAMEROON	0	0	0	0	0	0
CANARY ISLANDS	0	0	0	0	0	0
DAHOMEY	0	0	0	0	0	0
EGYPT	0	0	0	0	0	0
ETHIOPIA	0	0	0	0	0	0
GABON	0	0	0	0	0	0
GHANA	4	35	0	0	4	35
GUINEA	0	0	0	0	0	0
IVORY COAST	0	0	0	0	0	0
KENYA	0	0	0	0	0	0
LESOTHO	0	0	0	0	0	0
LIBERIA	0	0	0	0	0	0
LIBYA	0	0	0	0	0	0
MALAG. REP	0	0	0	0	0	0
MALAWI	0	0	0	0	0	0
MAURITANIA	0	0	0	0	0	0
MAURITIUS	0	0	0	0	0	0
MOROCCO	0	0	0	0	0	0
MOZAMBIQUE	0	0	0	0	0	0
NIGER	0	0	0	0	0	0
NIGERIA	0	0	0	0	0	0
REP. S. AFRICA	0	0	0	0	0	0
RWANDA	0	0	0	0	0	0
SENEGAL	0	0	0	0	0	0
SIERRA LEONE	0	0	0	0	0	0
SOMALIA	0	0	0	0	0	0
S. W. AFRICA	0	0	0	0	0	0
SUDAN	0	0	0	0	0	0
SWAZILAND	0	0	0	0	0	0
TANZANIA	0	0	0	0	0	0
TOGO	0	0	0	0	0	0
TUNISIA	0	0	0	0	0	0
UGANDA	0	0	0	0	0	0
ZAIRE	0	0	0	0	0	0
ZAMBIA	0	0	0	0	0	0
ZIMBABWE	0	0	0	0	0	0
OTH. WEST AFR.	0	0	0	0	0	0
OTHER AFRICA	0	0	0	0	0	0
TOTAL	4	35	0	0	4	35

SOURCE: U.S. DEPARTMENT OF COMMERCE CENSUS REPORT NO. IM146, NATIONAL MACHINE TOOL BUILDERS' ASSOCIATION

NOTES: 1)'0-' = DOLLAR AMOUNT LESS THAN $500. 2)N.E.C. - NOT ELSEWHERE CLASSIFIED. 3)INDIVIDUAL ITEMS MAY NOT ADD TO TOTALS DUE TO ROUNDING. 4)MACHINE TOOL IMPORTS, AS REFLECTED IN THE GOVERNMENT STATISTICS, ARE ACTUALLY UNDERVALUED SINCE THEY REFLECT VALUES IN THE COUNTRY OF ORIGIN AND DO NOT INCLUDE OCEAN FREIGHT, INSURANCE, COMMISSIONS OR IMPORT DUTIES.

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
JUNE 1988

RELEASED: SEPTEMBER 23, 1988

		TOTAL YTD		TOTAL MO	
674:	METAL CUTTING	UNITS	$000	UNITS	$000
3020	Gear Hobbers & Shapers	62	4639	5	548
3045	Gear Cutting Machines, N.E.C.	27	6287	6	2160
3204	Vertical Mach. Ctrs. ATC, NC, Y-Axis Travel 26" or Less	67	4515	3	221
3206	Vertical Mach. Ctrs. ATC, NC, Y-Axis Travel Over 26"	8	1728	1	122
3209	Horizontal Machining Centers, ATC, NC	9	2449	1	40
3211	Machining Centers, NC, N.E.C.	41	3192	6	282
3216	Single Station and Multi-Station Transfer Machines	14	9444	2	223
3225	Way Type Machines (Unit Heads)	5	415	0	0
3245	Horiz. Boring-Drilling-Milling Machines, Table Type, NC	2	692	0	0
3246	Horiz. Boring-Drilling-Milling Machines, NC, N.E.C.	2	492	2	492
3247	Vertical Boring-Drilling-Milling Machines, NC	3	1269	1	157
3248	Horiz. Boring-Drilling-Milling Machines, Non-NC	3	538	1	320
3249	Vertical Boring-Drilling-Milling Machines, Non-NC	11	657	4	477
3254	Drilling Machines, NC	12	758	2	156
3255	Drilling Machines, Multi-Spindle, Non-NC	11	916	2	323
3256	Drilling Machines, Radial, Non-NC	13	553	2	85
3257	Drilling Machines, Upright, Single Spindle, Non-NC	8	270	2	22
3258	Drilling Machines, Non-NC, N.E.C.	48	1351	10	192
3264	Milling Machines, NC	10	2990	2	1726
3266	Milling Machines, Profiling, Dupl. & Die Sinking, Non-NC	25	2946	9	1083
3267	Milling Machines, Knee Type, Non-NC	2	88	0	0
3268	Milling Machines, Bed Type, Non-NC	1	54	1	54
3269	Milling Machines, Non-NC, N.E.C.	90	4921	29	1235
3276	Vertical Boring Machines, Incl. VTLs, NC	0	0	0	0
3277	Vertical Boring Machines, Incl. VTLs, Non-NC	55	2377	21	763
3281	Boring Machines, NC, N.E.C.	3	210	0	0
3283	Boring Machines, Non-NC, N.E.C.	73	3489	14	580
3503	Horizontal Lathes, Multi-Spindle, NC	28	5861	1	130
3505	Horizontal Lathes, Excl. Multi-Spindle, NC, Less Than 25 HP	65	4801	8	526
3507	Horizontal Lathes, Excl. Multi-Spindle, NC, 25-50 HP	17	2707	1	115
3509	Horizontal Lathes, Excl. Multi-Spindle, NC, Over 50 HP	5	1486	0	0
3510	Horizontal Engine & Toolroom Lathes, Non-NC	42	1387	1	9
3511	Automatic Chucking Lathes, Single Spindle, Non-NC	15	1753	1	229
3512	Automatic Chucking Lathes, Multi-Spindle, Non-NC	6	478	0	0
3515	Automatic Bar Machines, Single-Spindle, Non-NC	17	191	2	53
3516	Automatic Bar Machines, Multi-Spindle, Non-NC	31	1164	10	366
3518	Horizontal Lathes, Non-NC, N.E.C.	173	4931	35	1163
3521	Vertical Lathes, Multi-Spindle, Excl. VTLs, NC	3	438	1	155
3523	Vertical Lathes, Excl. Multi-Spindle & VTLs, NC	4	183	1	70
3525	Vertical Lathes, Excl. VTLs, Non-NC	44	2237	6	454
3528	Grinding, Polishing, Honing & Lapping Machines, NC	115	22061	55	13648
3529	Gear Tooth Grinding & Finishing Machines, Non-NC	33	1212	1	19
3531	Tool & Cutter Grinding Machines, Non-NC	205	3620	49	1159
3532	Honing & Lapping Machines, Non-NC	310	3559	24	363
3533	Grinding Machines, Flat Surface Reciprocating Table, Non-NC	77	1183	30	407
3538	Grinding Machines, Flat Surface, Non-NC, N.E.C.	135	8667	22	523
3541	External Grinding Machines, Non-NC	10	943	2	468
3542	Internal Grinding Machines, Non-NC	22	4485	6	1706
3544	Grinding, Polishing & Buffing Machines, Non-NC, N.E.C.	134	6877	26	1456
3546	Grinding Machines, Non-NC, N.E.C.	155	5764	37	817
3547	Traveling Wire Electrical Discharge Machines	3	190	0	0
3549	All Other Electrical Discharge Machines	104	991	17	208
3551	Spark Erosion, Ultrasonic & Electrolytic Machines, NC	5	218	0	0
3553	Spark Erosion, Ultrasonic & Electrolytic Machines, Non-NC	55	2294	16	981
3559	Metal Cutting Machine Tools, NC, N.E.C.	74	3073	5	113
3565	Sawing & Cut-Off Machines, Non-NC	290	3930	74	977
3566	Broaching Machines, Non-NC	7	1120	0	0
3567	Metal Cutting Machine Tools, Non-NC, N.E.C.	154	4056	29	913
4000	Metal Cutting Machine Tools, Used Or Rebuilt*	3072	28060	553	4406
5000	Metal Cutting Machine Tools, Less Than $2500**	15456	8297	2720	1466
	TOTAL CUTTING			3859	44157
	TOTAL CUTTING YTD	21471	195419		
674:	METAL FORMING				
1011	Die Casting Machines & Parts	0	8133	0	1182
3568	Metal Forming Machine Tools, Used Or Rebuilt	513	6650	108	1914
3569	Metal Forming Machine Tools, Less Than $2500	3654	2236	347	167
3571	Punching & Shearing Machines, Incl. Combination, NC	55	9379	6	1095
3573	Shearing Machines, Non-NC	60	1365	4	94
3575	Punching & Combination Punching & Shearing Machines, Non-NC	451	11737	63	1866
3578	Bending, Folding, Straightening & Flattening Machines, NC	71	3142	14	574
3582	Press Brakes, Non-NC	44	2460	7	463
3583	Bending Rolls, Ram & Press Bending Machines, Non-NC	9	1171	0	0
3584	Bending, Folding, Str. & Flattening Machines, Non-NC, N.E.C.	539	17110	87	2897
3588	Mechanical Presses	159	15071	25	4014
3589	Hydraulic Presses, Vertical, Single Action	66	3218	25	720
3590	Hydraulic & Pneumatic Presses	625	28737	136	6933
3594	Headers & Upsetters, Non-NC	47	11613	5	1208
3595	Forging Machines, Non-NC, N.E.C.	48	1268	14	274
3598	Metal Forming Machine Tools, Non-NC, N.E.C.	566	32035	85	3760
	TOTAL FORMING			926	27156
	TOTAL FORMING YTD	6907	155307		
	TOTAL ALL TYPES			4785	71313
	TOTAL ALL TYPES YTD	28378	350726		

*CODE 6744000 SHOWN ABOVE REPRESENTS COMBINED DATA FROM CODES 674: 3015, 3241, 3252, 3261, 3272, 3501, 3526, & 3554.
**CODE 6745000 SHOWN ABOVE REPRESENTS COMBINED DATA FROM CODES 674: 3243, 3253, 3262, 3273, 3502, 3527, & 3557

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
JUNE 1988

674	AUSTRIA		BELGIUM		DENMARK		FRANCE		IRELAND	
	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	1	94	0	0
3204	0	0	1	101	0	0	0	0	0	0
3206	0	0	1	122	0	0	0	0	0	0
3209	0	0	0	0	0	0	0	0	0	0
3211	0	0	0	0	0	0	0	0	0	0
3216	0	0	0	0	0	0	0	0	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	1	215	0	0	0	0	0	0	0	0
3254	0	0	0	0	0	0	0	0	0	0
3255	0	0	0	0	0	0	0	0	0	0
3256	0	0	0	0	0	0	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	0	0	0	0	0	0	0	0	0	0
3264	0	0	0	0	0	0	0	0	0	0
3266	0	0	0	0	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	0	0	0	0	0	0	0	0	0	0
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	0	0	0	0	7	165	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	0	0	0	0	0	0	0	0	0	0
3503	0	0	0	0	0	0	0	0	0	0
3505	0	0	2	148	0	0	0	0	0	0
3507	0	0	0	0	0	0	0	0	0	0
3509	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	1	50	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	0	0	0	0	1	505	0	0
3521	0	0	0	0	0	0	0	0	0	0
3523	0	0	0	0	0	0	0	0	0	0
3525	0	0	0	0	0	0	0	0	0	0
3528	0	0	0	0	0	0	0	0	0	0
3529	0	0	0	0	0	0	0	0	0	0
3531	0	0	2	89	0	0	0	0	0	0
3532	0	0	0	0	0	0	0	0	0	0
3533	0	0	0	0	0	0	0	0	0	0
3538	0	0	0	0	0	0	0	0	0	0
3541	0	0	0	0	0	0	0	0	0	0
3542	0	0	0	0	0	0	0	0	0	0
3544	0	0	0	0	0	0	0	0	0	0
3546	0	0	0	0	0	0	0	0	0	0
3547	0	0	0	0	0	0	0	0	0	0
3549	1	2	0	0	0	0	0	0	0	0
3551	0	0	0	0	0	0	0	0	0	0
3553	0	0	0	0	0	0	0	0	0	0
3559	0	0	0	0	0	0	1	53	0	0
3565	0	0	0	0	0	0	0	0	0	0
3566	0	0	0	0	0	0	0	0	0	0
3567	0	0	0	0	0	0	11	303	0	0
4000	0	0	6	54	0	0	20	49	0	0
5000	20	12	25	7	0	0	46	32	0	0
CUT MO.	22	229	37	521	0	0	88	1251	0	0
CUT YTD	78	460	164	2654	4	376	286	3875	11	540
1011	0	4	0	2	0	0	0	10	0	0
3568	0	0	3	38	0	0	36	497	0	0
3569	0	0	0	0	0	0	7	4	0	0
3571	0	0	0	0	0	0	0	0	0	0
3573	0	0	0	0	0	0	0	0	0	0
3575	0	0	0	0	0	0	1	14	0	0
3578	0	0	0	0	2	36	4	73	0	0
3582	0	0	0	0	0	0	0	0	0	0
3583	0	0	0	0	0	0	0	0	0	0
3584	0	0	0	0	0	0	0	0	3	219
3588	0	0	0	0	0	0	2	141	0	0
3589	0	0	6	119	0	0	0	0	0	0
3590	0	0	0	0	0	0	4	162	0	0
3594	0	0	0	0	0	0	0	0	0	0
3595	0	0	0	0	0	0	0	0	0	0
3598	0	0	0	0	0	0	0	0	0	0
FRM MO.	0	4	9	159	2	36	54	901	3	219
FRM YTD	1	100	101	931	10	191	301	4819	14	413
TOT MO.	22	233	46	680	2	36	142	2152	3	219
TOT YTD	79	560	265	3585	14	567	587	8694	25	953

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
JUNE 1988

678:	ITALY		NETHERLANDS		POLAND		SPAIN		SWEDEN	
	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	0	0	0	0
3204	0	0	0	0	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	0	0	0	0	0	0	0	0
3211	0	0	0	0	0	0	0	0	0	0
3216	0	0	0	0	0	0	0	0	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	1	157	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	0	0	0	0	0	0	0	0
3254	0	0	0	0	0	0	0	0	0	0
3255	0	0	0	0	0	0	0	0	0	0
3256	0	0	0	0	0	0	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	0	0	0	0	0	0	0	0	0	0
3264	0	0	0	0	0	0	0	0	0	0
3266	0	0	0	0	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	0	0	0	0	0	0	0	0	0	0
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	0	0	0	0	0	0	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	0	0	0	0	0	0	0	0	0	0
3503	0	0	0	0	0	0	0	0	0	0
3505	0	0	0	0	0	0	0	0	0	0
3507	0	0	0	0	0	0	0	0	0	0
3509	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	1	53	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	0	0	0	0	0	0	0	0
3521	0	0	0	0	0	0	0	0	0	0
3523	0	0	0	0	0	0	0	0	0	0
3525	4	53	0	0	0	0	0	0	0	0
3528	0	0	0	0	0	0	0	0	0	0
3529	0	0	0	0	0	0	0	0	0	0
3531	0	0	0	0	0	0	0	0	0	0
3532	0	0	0	0	0	0	0	0	0	0
3533	0	0	0	0	0	0	0	0	0	0
3538	0	0	0	0	0	0	0	0	0	0
3541	0	0	0	0	0	0	0	0	0	0
3542	0	0	1	10	0	0	0	0	2	26
3544	0	0	2	275	0	0	0	0	0	0
3546	0	0	0	0	0	0	0	0	5	32
3547	0	0	0	0	0	0	0	0	0	0
3549	1	5	0	0	0	0	0	0	0	0
3551	0	0	0	0	0	0	0	0	0	0
3553	0	0	1	15	0	0	0	0	0	0
3559	0	0	2	123	0	0	0	0	0	0
3565	1	82	0	0	0	0	0	0	2	29
3566	0	0	0	0	0	0	0	0	0	0
3567	0	0	0	0	3	6	0	0	0	0
4000	18	165	7	11	0	0	5	5	9	87
5000	24	19	13	434	3	6	7	215	116	1333
CUT MO.	48	324	153	1407	4	21	223	1302		
CUT YTD	354	4478								
1011	0	4	0	2	0	0	0	22	0	0
3568	0	0	0	0	0	0	0	0	3	191
3569	0	0	0	0	0	0	0	0	0	0
3571	0	0	0	0	0	0	0	0	0	0
3573	0	0	0	0	0	0	0	0	0	0
3575	6	147	10	74	0	0	1	50	0	0
3578	0	0	2	68	0	0	1	20	0	0
3582	0	0	0	0	0	0	0	0	0	0
3583	0	0	0	0	0	0	0	0	0	0
3584	9	360	0	0	0	0	0	0	1	17
3588	0	0	0	0	0	0	1	53	0	0
3589	0	0	0	0	0	0	0	0	0	0
3590	1	61	0	0	0	0	0	0	0	0
3594	0	0	0	0	0	0	2	120	0	0
3595	0	0	0	0	1	50	0	0	0	0
3598	2	247	3	26	0	0	0	0	0	0
FRM MO.	18	819	15	170	1	50	5	265	2	109
FRM YTD	85	4466	84	2401	1	50	56	3443	6	317
TOT MO.	66	1143	28	604	4	56	12	480	78	964
TOT YTD	439	8944	237	3808	5	71	279	4745	15	404
									194	2297

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
JUNE 1988

	SWITZERLAND		U. KINGDOM		USSR		W. GERMANY		YUGOSLAVIA	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	0	0	0	0	1	356	0	0
3045	0	0	0	0	0	0	0	0	0	0
3204	0	0	0	0	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	0	0	0	0	0	0	0	0
3211	0	0	1	18	0	0	1	29	0	0
3216	0	0	0	0	0	0	0	0	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	2	492	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	0	0	0	0	0	0	0	0
3254	0	0	0	0	0	0	0	0	0	0
3255	0	0	0	0	0	0	1	185	0	0
3256	0	0	1	28	0	0	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	0	0	0	0	0	0	2	57	0	0
3264	0	0	0	0	0	0	0	0	0	0
3266	0	0	0	0	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	1	193	0	0	0	0	1	5	0	0
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	0	0	0	0	0	0	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	0	0	0	0	0	0	0	0	0	0
3503	0	0	0	0	0	0	0	0	0	0
3505	0	0	4	238	0	0	0	0	0	0
3507	0	0	0	0	0	0	0	0	0	0
3509	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	1	3	0	0	0	0	0	0
3516	0	0	0	0	0	0	1	63	0	0
3518	1	6	1	8	0	0	0	0	0	0
3521	0	0	0	0	0	0	0	0	0	0
3523	0	0	0	0	0	0	0	0	0	0
3525	0	0	0	0	0	0	0	0	0	0
3528	0	0	3	214	0	0	4	303	0	0
3529	0	0	0	0	0	0	0	0	0	0
3531	0	0	0	0	0	0	2	45	0	0
3532	0	0	1	15	0	0	3	23	0	0
3533	0	0	0	0	0	0	0	0	0	0
3538	0	0	4	32	0	0	0	0	0	0
3541	0	0	0	0	0	0	0	0	0	0
3542	0	0	0	0	0	0	2	235	0	0
3544	0	0	0	0	0	0	6	429	0	0
3546	2	6	12	47	0	0	1	358	0	0
3547	0	0	0	0	0	0	0	0	0	0
3549	0	0	0	0	0	0	1	2	0	0
3551	0	0	0	0	0	0	0	0	0	0
3553	0	0	0	0	0	0	1	180	0	0
3559	0	0	0	0	0	0	0	0	0	0
3565	0	0	0	0	1	14	0	0	0	0
3566	0	0	0	0	0	0	0	0	0	0
3567	0	0	0	0	0	0	0	0	0	0
4000	15	47	32	469	0	0	3	40	0	0
5000	1	2	85	52	0	0	131	134	0	0
CUT MO.	20	254	145	1124	1	14	163	2936	0	0
CUT YTD	141	1667	1579	12636	8	961	778	8919	1	74
1011	0	7	0	70	0	0	0	42	0	21
3568	0	0	4	8	0	0	0	0	0	0
3569	0	0	3	3	0	0	123	27	0	0
3571	0	0	0	0	0	0	0	0	0	0
3573	0	0	0	0	0	0	0	0	0	0
3575	0	0	1	30	0	0	0	0	0	0
3578	0	0	0	0	0	0	1	175	0	0
3582	0	0	0	0	0	0	0	0	0	0
3583	0	0	0	0	0	0	0	0	0	0
3584	0	0	6	90	0	0	8	479	0	0
3588	0	0	0	0	0	0	2	2035	0	0
3589	0	0	0	0	0	0	0	0	0	0
3590	0	0	2	215	0	0	41	1108	0	0
3594	0	0	0	0	0	0	0	0	0	0
3595	0	0	0	0	0	0	0	0	0	0
3598	0	0	13	397	0	0	1	7	0	0
FRM MO.	0	7	29	813	0	0	176	3873	0	21
FRM YTD	38	916	208	6764	2	52	969	13131	4	633
TOT MO.	20	261	174	1937	1	14	339	6809	0	21
TOT YTD	179	2583	1787	19400	10	1013	1747	22050	5	707

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
JUNE 1988

	OTH. EUROPE		CANADA		MEXICO		OTH. N & C		ARGENTINA	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	4	192	0	0	0	0	0	0
3045	0	0	1	508	0	0	0	0	0	0
3204	0	0	1	88	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	0	0	1	40	0	0	0	0
3211	0	0	1	40	1	25	0	0	0	0
3216	0	0	2	223	0	0	0	0	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	3	262	0	0	0	0	0	0
3254	0	0	0	0	2	156	0	0	0	0
3255	1	138	0	0	0	0	0	0	0	0
3256	0	0	1	57	0	0	0	0	0	0
3257	0	0	0	0	2	22	0	0	0	0
3258	0	0	1	54	1	18	1	5	0	0
3264	0	0	1	106	0	0	0	0	0	0
3266	0	0	9	1083	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	1	54	0	0	0	0	0	0
3269	0	0	0	0	2	58	1	13	0	0
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	2	221	3	58	0	0	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	0	0	7	432	6	98	0	0	0	0
3503	0	0	0	0	0	0	0	0	0	0
3505	0	0	2	140	0	0	0	0	0	0
3507	0	0	1	115	0	0	0	0	0	0
3509	0	0	0	0	0	0	0	0	0	0
3510	0	0	1	9	0	0	0	0	0	0
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	3	50	0	0	0	0	0	0
3518	0	0	0	0	9	135	0	0	0	0
3521	0	0	0	0	0	0	0	0	0	0
3523	0	0	0	0	1	70	0	0	0	0
3525	0	0	0	0	1	185	0	0	0	0
3528	1	154	1	34	42	12353	0	0	0	0
3529	0	0	0	0	1	19	0	0	0	0
3531	2	12	18	123	8	87	0	0	0	0
3532	1	15	2	115	6	32	1	8	0	0
3533	0	0	0	0	0	0	0	0	0	0
3538	0	0	0	0	7	99	0	0	0	0
3541	0	0	0	0	2	468	0	0	0	0
3542	0	0	1	547	0	0	0	0	0	0
3544	0	0	1	425	4	42	0	0	0	0
3546	0	0	1	5	7	55	1	8	0	0
3547	0	0	0	0	0	0	0	0	0	0
3549	1	2	1	4	0	0	0	0	0	0
3551	0	0	0	0	0	0	0	0	0	0
3553	0	0	5	480	2	161	0	0	0	0
3559	0	0	1	13	0	0	0	0	0	0
3565	0	0	36	398	19	162	1	11	0	0
3566	0	0	0	0	0	0	0	0	0	0
3567	0	0	3	151	5	81	1	3	0	0
4000	1	2	64	909	296	1317	11	62	0	0
5000	0	0	663	513	542	71	28	25	73	64
CUT MO.	7	323	838	7351	970	15812	45	135	73	64
CUT YTD	166	1580	6448	35956	3331	33658	268	539	119	873
1011	0	0	0	553	0	17	0	43	0	0
3568	0	0	26	91	26	938	3	37	0	0
3569	0	0	92	43	45	51	0	0	2	2
3571	0	0	3	813	0	0	2	160	0	0
3573	0	0	1	4	1	26	0	0	0	0
3575	0	0	8	202	4	138	0	0	0	0
3578	0	0	0	0	0	0	0	0	0	0
3582	0	0	1	45	2	304	0	0	0	0
3583	0	0	0	0	0	0	0	0	0	0
3584	7	184	20	561	8	154	0	0	0	0
3588	0	0	1	12	13	354	0	0	0	0
3589	0	0	0	0	3	138	0	0	0	0
3590	0	0	10	539	48	631	0	0	0	0
3594	0	0	0	0	0	0	0	0	0	0
3595	0	0	10	189	1	8	0	0	1	12
3598	0	0	24	703	4	39	5	144	0	0
FRM MO.	7	184	196	3755	155	2798	10	384	3	14
FRM YTD	79	1397	2195	26595	1230	15721	34	765	26	592
TOT MO.	14	507	1034	11106	1125	18610	55	519	76	78
TOT YTD	245	2977	8643	62551	4561	49379	302	1304	145	1465

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
JUNE 1988

	BRAZIL		COLOMBIA		VENEZUELA		OTH. S. AM.		CHINA	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	0	0	0	0	0	0	0	0
3045	0	0	1	119	0	0	0	0	0	0
3204	0	0	0	0	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	0	0	0	0	0	0	0	0
3211	0	0	1	40	0	0	0	0	0	0
3216	0	0	0	0	0	0	0	0	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	0	0	0	0	0	0	0	0
3254	0	0	0	0	0	0	0	0	0	0
3255	0	0	0	0	0	0	0	0	0	0
3256	0	0	0	0	0	0	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	0	0	0	0	0	0	0	0	1	16
3264	0	0	0	0	0	0	0	0	0	0
3266	0	0	0	0	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	0	0	0	0	22	566	0	0	0	0
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	0	0	6	100	0	0	2	204
3281	0	0	0	0	0	0	0	0	0	0
3283	0	0	0	0	0	0	0	0	0	0
3503	0	0	0	0	0	0	0	0	0	0
3505	0	0	0	0	0	0	0	0	0	0
3507	0	0	0	0	0	0	0	0	0	0
3509	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3511	0	0	0	0	0	0	0	0	1	229
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	5	200	0	0	0	0	0	0
3518	0	0	2	20	0	0	0	0	0	0
3521	0	0	0	0	0	0	0	0	0	0
3523	0	0	0	0	0	0	0	0	0	0
3525	0	0	0	0	0	0	0	0	0	0
3528	0	0	0	0	0	0	1	31	0	0
3529	0	0	0	0	0	0	0	0	0	0
3531	0	0	0	0	0	0	0	0	7	336
3532	0	0	1	3	0	0	0	0	4	85
3533	0	0	0	0	0	0	0	0	16	285
3538	2	194	0	0	0	0	0	0	0	0
3541	0	0	0	0	0	0	0	0	0	0
3542	0	0	0	0	0	0	0	0	0	0
3544	1	3	0	0	0	0	0	0	0	0
3546	0	0	0	0	0	0	0	0	0	0
3547	0	0	0	0	0	0	0	0	0	0
3549	0	0	0	0	0	0	1	4	1	18
3551	0	0	0	0	0	0	0	0	0	0
3553	0	0	0	0	0	0	0	0	0	0
3559	0	0	0	0	0	0	0	0	0	0
3565	0	0	0	0	0	0	0	0	0	0
3566	0	0	0	0	0	0	0	0	0	0
3567	0	0	0	0	1	13	0	0	1	64
4000	0	0	5	54	32	104	4	11	0	0
5000	5	8	1	2	32	20	24	37	21	13
CUT MO	8	205	16	438	93	803	30	83	54	1250
CUT YTD	77	2816	123	1548	2311	7576	149	900	228	10647
1011	0	0	0	0	0	12	0	22	0	0
3568	0	0	0	0	2	16	0	0	0	0
3569	0	0	0	0	22	9	0	0	0	0
3571	0	0	0	0	0	0	0	0	0	0
3573	0	0	0	0	0	0	0	0	1	48
3575	0	0	2	20	0	0	3	34	8	105
3578	0	0	0	0	3	187	0	0	0	0
3582	0	0	0	0	0	0	3	32	0	0
3583	0	0	0	0	0	0	0	0	0	0
3584	0	0	0	0	0	0	1	8	4	100
3588	0	0	1	24	0	0	0	0	0	0
3589	0	0	0	0	0	0	0	0	0	0
3590	0	0	1	200	1	113	0	0	0	0
3594	1	463	0	0	0	0	0	0	0	0
3595	0	0	0	0	0	0	0	0	0	0
3598	7	678	0	0	3	73	0	0	1	14
FRM MO	8	1141	4	244	31	410	7	96	14	267
FRM YTD	39	3809	29	645	141	4326	29	402	48	2898
TOT MO	16	1346	20	682	124	1213	37	179	68	1517
TOT YTD	116	6625	152	2193	2452	11902	178	1302	276	13545

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
JUNE 1988

	HONG KONG		INDIA		INDONESIA		ISRAEL		JAPAN	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	0	0	0	0	0	0	0	0
3045	1	144	1	611	0	0	0	0	0	0
3204	0	0	0	0	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	0	0	0	0	0	0	0	0
3211	0	0	0	0	0	0	0	0	0	0
3216	0	0	0	0	0	0	0	0	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	0	0	0	0	0	0	0	0
3254	0	0	0	0	0	0	0	0	0	0
3255	0	0	0	0	0	0	0	0	0	0
3256	0	0	0	0	0	0	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	0	0	0	0	0	0	0	0	0	0
3264	0	0	0	0	0	0	0	0	0	0
3266	0	0	0	0	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	1	217	0	0	0	0	0	0	0	0
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	0	0	0	0	1	15	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	0	0	0	0	0	0	0	0	0	0
3503	0	0	0	0	0	0	0	0	0	0
3505	0	0	0	0	0	0	0	0	0	0
3507	0	0	0	0	0	0	0	0	0	0
3509	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	0	0	0	0	0	0	14	384
3521	0	0	0	0	0	0	0	0	0	0
3523	0	0	0	0	0	0	0	0	0	0
3525	0	0	0	0	0	0	0	0	0	0
3528	0	0	1	354	0	0	0	0	1	174
3529	0	0	0	0	0	0	0	0	0	0
3531	1	20	0	0	0	0	0	0	3	341
3532	0	0	0	0	0	0	0	0	1	4
3533	0	0	0	0	0	0	0	0	0	0
3538	0	0	0	0	0	0	2	25	2	14
3541	0	0	0	0	0	0	0	0	0	0
3542	0	0	0	0	0	0	0	0	1	447
3544	0	0	0	0	0	0	0	0	9	218
3546	0	0	0	0	0	0	0	0	6	16
3547	0	0	0	0	0	0	0	0	0	0
3549	1	123	0	0	0	0	0	0	0	0
3551	0	0	0	0	0	0	0	0	0	0
3553	4	70	0	0	0	0	0	0	4	90
3559	0	0	0	0	0	0	0	0	0	0
3565	0	0	2	24	0	0	1	19	9	109
3566	0	0	0	0	0	0	0	0	0	0
3567	0	0	0	0	0	0	0	0	1	38
4000	2	65	1	13	0	0	4	10	1	2
5000	5	3	4	3	0	0	4	3	73	28
CUT MO.	15	642	9	1005	0	0	12	72	125	1865
CUT YTD	189	1692	133	2453	26	289	96	3432	1120	12036
1011	0	13	0	12	0	0	0	0	0	125
3568	0	0	0	0	0	0	0	0	0	0
3569	0	0	0	0	0	0	0	0	1	2
3571	0	0	0	0	0	0	0	0	1	122
3573	0	0	0	0	0	0	0	0	0	0
3575	1	8	1	14	0	0	0	0	0	0
3578	0	0	0	0	0	0	0	0	0	0
3582	0	0	0	0	0	0	0	0	0	0
3583	0	0	0	0	0	0	0	0	0	0
3584	0	0	0	0	0	0	0	0	4	55
3588	0	0	0	0	0	0	0	0	1	856
3589	0	0	0	0	0	0	0	0	12	362
3590	8	676	0	0	0	0	0	0	16	2220
3594	0	0	0	0	0	0	0	0	0	0
3595	0	0	0	0	0	0	0	0	1	15
3598	0	0	0	0	0	0	0	0	5	230
FRM MO.	9	697	1	26	0	0	0	0	41	3987
FRM YTD	88	2960	24	1229	6	285	14	1810	247	19611
TOT MO.	24	1339	10	1031	0	0	12	72	166	5852
TOT YTD	277	4652	157	3682	32	574	110	5242	1367	31647

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
JUNE 1988

674:	KOREAN REP.		PAKISTAN		S. ARABIA		SINGAPORE		TAIWAN	
	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	0	0	1	684
3204	0	0	0	0	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	0	0	0	0	0	0	0	0
3211	1	130	0	0	0	0	0	0	0	0
3216	0	0	0	0	0	0	0	0	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	1	320	0	0	0	0	0	0	0	0
3249	0	0	0	0	0	0	0	0	0	0
3254	0	0	0	0	0	0	0	0	0	0
3255	0	0	0	0	0	0	0	0	0	0
3256	0	0	0	0	0	0	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	0	0	0	0	0	0	4	42	0	0
3264	1	620	0	0	0	0	0	0	0	0
3266	0	0	0	0	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	0	0	0	0	0	0	0	0	0	0
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	0	0	0	0	0	0	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	0	0	0	0	0	0	1	50	0	0
3503	0	0	0	0	0	0	0	0	0	0
3505	0	0	0	0	0	0	0	0	0	0
3507	0	0	0	0	0	0	0	0	0	0
3509	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	5	63	0	0	0	0	2	42	0	0
3521	1	155	0	0	0	0	0	0	0	0
3523	0	0	0	0	0	0	0	0	0	0
3525	0	0	0	0	0	0	0	0	1	216
3528	0	0	0	0	0	0	0	0	1	31
3529	0	0	0	0	0	0	0	0	0	0
3531	0	0	0	0	0	0	2	10	4	96
3532	3	42	0	0	0	0	0	0	1	21
3533	0	0	0	0	0	0	0	0	12	102
3538	0	0	1	24	0	0	1	100	1	11
3541	0	0	0	0	0	0	0	0	0	0
3542	2	477	0	0	0	0	0	0	0	0
3544	0	0	0	0	0	0	2	122	2	207
3546	0	0	0	0	0	0	0	0	0	0
3547	0	0	0	0	0	0	0	0	0	0
3549	0	0	0	0	0	0	0	0	1	2
3551	0	0	0	0	0	0	0	0	0	0
3553	0	0	0	0	0	0	0	0	0	0
3559	0	0	0	0	0	0	1	21	0	0
3565	0	0	0	0	0	0	0	0	0	0
3566	0	0	0	0	0	0	0	0	0	0
3567	3	156	0	0	0	0	0	0	0	0
4000	13	553	0	0	0	0	1	16	4	33
5000	81	67	0	0	11	12	604	36	20	17
CUT MO	111	3583	1	24	11	12	618	439	48	1420
CUT YTD	490	22754	72	514	190	450	890	3259	378	4485
1011	0	6	0	4	0	0	0	103	0	4
3568	0	0	0	0	0	0	0	0	0	0
3569	0	0	0	0	1	2	7	10	5	2
3571	0	0	0	0	0	0	0	0	0	0
3573	0	0	0	0	0	0	1	16	0	0
3575	1	15	0	0	0	0	1	4	6	778
3578	0	0	0	0	0	0	0	0	0	0
3582	1	82	0	0	0	0	0	0	0	0
3583	0	0	0	0	0	0	0	0	0	0
3584	2	206	0	0	0	0	0	0	2	50
3588	2	537	0	0	0	0	0	0	0	0
3589	0	0	0	0	0	0	0	0	0	0
3590	1	830	0	0	0	0	0	0	0	0
3594	1	645	0	0	0	0	0	0	0	0
3595	0	0	0	0	0	0	0	0	0	0
3598	3	207	0	0	1	62	4	80	6	721
FRM MO	11	2528	0	4	2	64	13	273	19	1555
FRM YTD	144	10894	5	131	20	167	124	1351	74	6988
TOT MO	122	6111	1	28	13	76	631	712	67	2975
TOT YTD	634	33648	77	645	210	617	1014	4610	452	11473

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
JUNE 1988

	TURKEY		OTHER ASIA		AUSTRALIA		NEW ZEALAND		OTH OCEANIA	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	0	0	0	0
3204	0	0	1	32	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	0	0	0	0	0	0	0	0
3211	0	0	0	0	0	0	0	0	0	0
3216	0	0	0	0	0	0	0	0	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	0	0	0	0	0	0	0	0
3254	0	0	0	0	0	0	0	0	0	0
3255	0	0	0	0	0	0	0	0	0	0
3256	0	0	0	0	0	0	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	0	0	0	0	0	0	0	0	0	0
3264	0	0	0	0	0	0	0	0	0	0
3266	0	0	0	0	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	0	0	0	0	1	183	0	0	0	0
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	0	0	0	0	0	0	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	0	0	0	0	0	0	0	0	0	0
3503	0	0	0	0	1	130	0	0	0	0
3505	0	0	0	0	0	0	0	0	0	0
3507	0	0	0	0	0	0	0	0	0	0
3509	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	0	0	0	0	0	0	0	0
3521	0	0	0	0	0	0	0	0	0	0
3523	0	0	0	0	0	0	0	0	0	0
3525	0	0	0	0	0	0	0	0	0	0
3528	0	0	0	0	0	0	0	0	0	0
3529	0	0	0	0	0	0	0	0	0	0
3531	0	0	0	0	0	0	0	0	0	0
3532	0	0	0	0	0	0	0	0	0	0
3533	0	0	2	20	0	0	0	0	0	0
3538	0	0	2	24	0	0	0	0	0	0
3541	0	0	0	0	0	0	0	0	0	0
3542	0	0	0	0	0	0	0	0	0	0
3544	0	0	0	0	0	0	0	0	0	0
3546	0	0	2	18	1	3	0	0	0	0
3547	0	0	0	0	0	0	0	0	0	0
3549	0	0	2	12	0	0	0	0	0	0
3551	0	0	0	0	0	0	0	0	0	0
3553	0	0	0	0	0	0	0	0	0	0
3559	0	0	1	11	0	0	0	0	0	0
3565	1	18	0	0	0	0	0	0	0	0
3566	0	0	0	0	0	0	0	0	0	0
3567	0	0	0	0	0	0	0	0	0	0
4000	2	326	8	57	5	32	0	0	0	0
5000	11	7	19	22	8	12	14	13	0	0
CUT MO.	14	351	37	196	16	360	14	13	0	0
CUT YTD	42	2237	183	1345	167	2134	69	112	1	4
1011	0	4	0	3	0	17	0	0	0	0
3568	0	0	5	98	0	0	0	0	0	0
3569	0	0	24	7	15	5	0	0	0	0
3571	0	0	0	0	0	0	0	0	0	0
3573	0	0	0	0	0	0	0	0	0	0
3575	0	0	9	233	0	0	0	0	0	0
3578	0	0	0	0	1	15	0	0	0	0
3582	0	0	0	0	0	0	0	0	0	0
3583	0	0	0	0	0	0	0	0	0	0
3584	0	0	4	98	5	36	0	0	0	0
3588	0	0	2	40	1	15	0	0	0	0
3589	0	0	0	0	4	101	0	0	0	0
3590	1	58	0	0	0	0	0	0	0	0
3594	0	0	1	75	2	25	0	0	0	0
3595	0	0	0	0	0	0	0	0	0	0
3598	0	0	1	23	0	0	0	0	0	0
FRM MO.	1	62	46	577	28	214	0	0	0	0
FRM YTD	11	608	164	48	155	4806	10	1724	0	0
TOT MO.	15	413	83	7	44	574	14	13	0	0
TOT YTD	53	2845	347	6195	322	6940	79	1836	1	4

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
JUNE 1988

	EGYPT		REP. S. AFR		OTH AFRICA	
674	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	0	0	0	0
3045	0	0	0	0	0	0
3204	0	0	0	0	0	0
3206	0	0	0	0	0	0
3209	0	0	0	0	0	0
3211	0	0	0	0	0	0
3216	0	0	0	0	0	0
3225	0	0	0	0	0	0
3245	0	0	0	0	0	0
3246	0	0	0	0	0	0
3247	0	0	0	0	0	0
3248	0	0	0	0	0	0
3249	0	0	0	0	0	0
3254	0	0	0	0	0	0
3255	0	0	0	0	0	0
3256	0	0	0	0	0	0
3257	0	0	0	0	0	0
3258	0	0	0	0	0	0
3264	0	0	0	0	0	0
3266	0	0	0	0	0	0
3267	0	0	0	0	0	0
3268	0	0	0	0	0	0
3269	0	0	0	0	0	0
3276	0	0	0	0	0	0
3277	0	0	0	0	0	0
3281	0	0	0	0	0	0
3283	0	0	0	0	0	0
3503	0	0	0	0	0	0
3505	0	0	0	0	0	0
3507	0	0	0	0	0	0
3509	0	0	0	0	0	0
3510	0	0	0	0	0	0
3511	0	0	0	0	0	0
3512	0	0	0	0	0	0
3515	0	0	0	0	0	0
3516	0	0	0	0	0	0
3518	0	0	0	0	0	0
3521	0	0	0	0	0	0
3523	0	0	0	0	0	0
3525	0	0	0	0	0	0
3528	0	0	0	0	0	0
3529	0	0	0	0	0	0
3531	0	0	0	0	0	0
3532	0	0	0	0	0	0
3533	0	0	0	0	0	0
3538	0	0	0	0	0	0
3541	0	0	0	0	0	0
3542	0	0	0	0	0	0
3544	0	0	0	0	0	0
3546	0	0	0	0	0	0
3547	0	0	0	0	0	0
3549	0	0	1	2	0	0
3551	0	0	0	0	0	0
3553	0	0	0	0	0	0
3559	0	0	0	0	0	0
3565	0	0	0	0	1	17
3566	0	0	0	0	0	0
3567	0	0	0	0	1	75
4000	0	0	1	2	1	8
5000	0	0	133	216	0	0
CUT MO.	0	0	135	220	3	100
CUT YTD	1	227	297	1112	7	126
1011	0	0	0	0	0	0
3568	0	0	0	0	0	0
3569	0	0	0	0	0	0
3571	0	0	0	0	0	0
3573	0	0	0	0	0	0
3575	0	0	0	0	0	0
3578	0	0	0	0	0	0
3582	0	0	0	0	0	0
3583	0	0	0	0	0	0
3584	0	0	0	0	2	227
3588	0	0	0	0	0	0
3589	0	0	0	0	0	0
3590	0	0	0	0	0	0
3594	0	0	0	0	0	0
3595	0	0	0	0	0	0
3598	0	0	0	0	0	0
FRM MO.	0	0	0	0	2	227
FRM YTD	0	9	11	58	8	1420
TOT MO.	0	0	135	220	5	327
TOT YTD	1	236	308	1170	15	1546

U.S. EXPORTS OF MACHINE TOOLS TOTAL AND COUNTRIES OF DESTINATION
THE FOLLOWING IS A BREAKDOWN OF THE ACTIVITY BY COUNTRY WHICH IS INCLUDED IN THE ALL OTHER COLUMNS
JUNE 1988

	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	$000	UNITS	$000	UNITS	$000
OTHER EUROPE						
AZORES	0	0	0	0	0	0
BULGARIA	1	138	0	0	1	138
CYPRUS	0	0	0	0	0	0
CZECHOSLOVAKIA	0	0	0	0	0	0
EAST GERMANY	0	0	0	0	0	0
FINLAND	0	0	3	17	3	17
GIBRALTAR	0	0	0	0	0	0
GREECE	1	154	0	0	1	154
HUNGARY	0	0	0	0	0	0
ICELAND	1	2	0	0	1	2
MALTA	0	0	0	0	0	0
NORWAY	2	12	4	167	6	179
PORTUGAL	2	17	0	0	2	17
ROMANIA	0	0	0	0	0	0
OTHER EUROPE	0	0	0	0	0	0
TOTAL	7	323	7	184	14	507
OTHER NORTH AND CENTRAL AMERICA						
BAHAMAS	12	8	0	0	12	8
BARBADOS	0	0	1	71	1	71
BELIZE	0	0	0	0	0	0
BERMUDA	0	0	0	0	0	0
CAYMAN ISLANDS	0	0	0	0	0	0
COSTA RICA	0	0	4	73	4	73
DOMINICAN REP.	1	11	0	0	1	11
FR. W. INDIES	0	0	0	0	0	0
GUATEMALA	13	34	0	0	13	34
HAITI	0	0	1	18	1	18
HONDURAS	8	29	0	38	8	67
JAMAICA	3	10	2	19	5	29
LW & WW IS.	0	0	0	0	0	0
NICARAGUA	0	0	0	0	0	0
N. ANTILLES	4	2	0	0	4	2
PANAMA	0	0	0	0	0	0
SALVADOR	2	16	0	5	2	21
TRINIDAD	2	25	0	0	2	25
TURK ISLAND	0	0	0	0	0	0
OTHER N & C AM.	0	0	2	160	2	160
TOTAL	45	135	10	384	55	519
OTHER SOUTH AMERICA						
BOLIVIA	0	0	0	0	0	0
CHILE	1	31	3	34	4	65
ECUADOR	24	37	3	51	27	88
FRENCH GUIANA	0	0	0	0	0	0
GUYANA	0	0	0	0	0	0
PARAGUAY	0	0	0	0	0	0
PERU	3	8	0	3	3	11
SURINAM	0	0	1	8	1	8
URAGUAY	2	7	0	0	2	7
OTHER S. AM.	0	0	0	0	0	0
TOTAL	30	83	7	96	37	179
OTHER OCEANIA						
FR. PAC. IS.	0	0	0	0	0	0
NEW GUINEA	0	0	0	0	0	0
SAMOA	0	0	0	0	0	0
TERR. PAC. IS.	0	0	0	0	0	0
OTH. PAC. IS.	0	0	0	0	0	0
OTHER OCEANIA	0	0	0	0	0	0
TOTAL	0	0	0	0	0	0

U.S. EXPORTS OF MACHINE TOOLS TOTAL AND COUNTRIES OF DESTINATION
THE FOLLOWING IS A BREAKDOWN OF THE ACTIVITY BY COUNTRY WHICH IS INCLUDED IN THE ALL OTHER COLUMN
JUNE 1988

	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	$000	UNITS	$000	UNITS	$000
OTHER ASIA						
ADEN	0	0	0	0	0	0
AFGHANISTAN	0	0	0	0	0	0
ARAB EMIRATES	1	4	14	5	15	9
BAHRAIN	0	0	0	0	0	0
BANGALDESH	0	0	0	0	0	0
BRUNEI	0	0	0	0	0	0
BURMA	0	0	0	0	0	0
GAZA STRIP	0	0	0	0	0	0
IRAN	0	0	0	0	0	0
IRAQ	0	0	0	0	0	0
JORDAN	0	0	0	0	0	0
KUWAIT	0	0	0	0	0	0
LEBANON	0	0	0	0	0	0
MALAYSIA	12	10	20	256	32	266
NEPAL	0	0	0	0	0	0
OMAN	0	0	0	0	0	0
PHILIPPINES	4	21	3	70	7	91
QATAR	4	10	0	0	4	10
SRI LANKA	0	0	0	0	0	0
SYRIA	0	0	0	0	0	0
THAILAND	16	151	9	246	25	397
YEMEN	0	0	0	0	0	0
OTHER ASIA	0	0	0	0	0	0
TOTAL	37	196	46	577	83	773
OTHER AFRICA						
AFARS & ISSAS	0	0	0	0	0	0
ALGERIA	0	0	1	199	1	199
ANGOLA	0	0	0	0	0	0
BENIN	0	0	0	0	0	0
BOTSWANA	0	0	0	0	0	0
CAMEROON	0	0	0	0	0	0
CANARY ISLANDS	0	0	0	0	0	0
DAHOMENY	0	0	0	0	0	0
ETHIOPIA	0	0	1	28	1	28
GABON	2	92	0	0	2	92
GHANA	0	0	0	0	0	0
GUINEA	0	0	0	0	0	0
IVORY COAST	0	0	0	0	0	0
KENYA	0	0	0	0	0	0
LESOTHO	0	0	0	0	0	0
LIBERIA	0	0	0	0	0	0
LIBYA	0	0	0	0	0	0
MALAGASY REP	0	0	0	0	0	0
MALAWI	0	0	0	0	0	0
MAURITANIA	0	0	0	0	0	0
MAURITIUS	0	0	0	0	0	0
MOROCCO	0	0	0	0	0	0
MOZAMBIQUE	0	0	0	0	0	0
NIGER	0	0	0	0	0	0
NIGERIA	1	8	0	0	1	8
RWANDA	0	0	0	0	0	0
SENEGAL	0	0	0	0	0	0
SIERRA LEONE	0	0	0	0	0	0
SOMALIA	0	0	0	0	0	0
S. W. AFRICA	0	0	0	0	0	0
SUDAN	0	0	0	0	0	0
SWAZILAND	0	0	0	0	0	0
TANZANIA	0	0	0	0	0	0
TOGO	0	0	0	0	0	0
TUNISIA	0	0	0	0	0	0
UGANDA	0	0	0	0	0	0
ZAIRE	0	0	0	0	0	0
ZAMBIA	0	0	0	0	0	0
ZIMBABWE	0	0	0	0	0	0
OTH. WEST AFR.	0	0	0	0	0	0
OTHER AFRICA	0	0	0	0	0	0
TOTAL	3	100	2	227	5	327

SOURCE: U.S. DEPARTMENT OF COMMERCE CENSUS REPORT NO. EM522; NATIONAL MACHINE TOOL BUILDERS' ASSOCIATION

NOTES: 1)'0-' = DOLLAR AMOUNT LESS THAN $500. 2)N.E.C. - NOT ELSEWHERE CLASSIFIED. 3)INDIVIDUAL ITEMS MAY NOT ADD TO TOTALS DUE TO ROUNDING.

U.S. IMPORTS OF MACHINE TOOLS YEAR TO DATE SUMMARY
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
JUNE 1988

RELEASED: SEPTEMBER 23, 1988		TOTAL	YTD
674	METAL CUTTING	UNITS	$000
3025	Gear Hobbers	37	5275
3035	Gear Shapers	8	1902
3045	Gear Cutting Machines, N.E.C.	23	1300
3404	Vertical Mach. Ctrs. ATC, NC, Y-Axis Travel 26" or Less	859	66959
3406	Vertical Mach. Ctrs. ATC, NC, Y-Axis Travel Over 26"	43	4800
3409	Horizontal Machining Centers, ATC, NC	380	57038
3411	Machining Centers, NC, N.E.C.	166	36376
3412	Single Station and Multi-Station Transfer Machines	119	35711
3413	Way Type Machines, (Unit Heads)	0	0
3417	Horiz. Boring-Drilling-Milling Machines, Table Type, NC	1	758
3418	Horiz. Boring-Drilling-Milling Machines, NC, N.E.C.	25	2932
3419	Vertical Boring-Drilling-Milling Machines, NC	62	7269
3422	Horiz. Boring-Drilling-Milling Machines, Non-NC	3	1270
3423	Vertical Boring-Drilling-Milling Machines, Non-NC	81	2713
3328	Drilling Machines, NC	134	5269
3329	Drilling Machines, Multi-Spindle, Non-NC	37	422
3334	Drilling Machines, Radial, Non-NC	70	414
3336	Drilling Machines, Upright, Single Spindle, Non-NC	85	584
3342	Drilling Machines, Non-NC, N.E.C.	228	9419
3464	Milling Machines, NC	153	16991
3466	Milling Machines, Profiling, Dupl. & Die Sinking, Non-NC	14	422
3467	Milling Machines, Knee Type, Non-NC	1598	9664
3468	Milling Machines, Bed Type, Non-NC	169	8716
3469	Milling Machines, Non-NC, N.E.C.	1293	22655
3476	Vertical Boring Machines, Incl. VTL's, NC	8	1591
3477	Vertical Boring Machines, Incl. VTL's, Non-NC	27	1126
3481	Boring Machines, NC, N.E.C.	4	907
3483	Boring Machines, Non-NC N.E.C.	197	4424
3504	Horizontal Lathes, Multi-Spindle, NC	79	8944
3506	Horizontal Lathes, Single Spindle, Less than 25 HP, NC	1645	104476
3508	Horizontal Lathes, Single Spindle, 25-50 HP, NC	217	25324
3510	Horizontal Lathes, Single Spindle, Over 50 HP, NC	42	2543
3512	Horizontal Engine & Toolroom Lathes, Non-NC	1296	11530
3513	Automatic Chucking Lathes, Single Spindle, Non-NC	2	143
3514	Automatic Chucking Lathes, Multi-Spindle, Non-NC	6	865
3515	Automatic Bar Machines, Single Spindle, Non-NC	89	2687
3516	Automatic Bar Machines, Multi-Spindle, Non-NC	36	1563
3518	Horizontal Lathes, Non-NC, N.E.C.	137	2912
3505	Vertical Lathes, Multi-Spindle, NC	22	1754
3519	Vertical Lathes, NSPF, NC	73	6606
3522	Vertical Lathes, Excl. VTL's, Non-NC	527	10969
3527	Gear Tooth Grinding & Finishing Machines	341	13369
3528	Tool & Cutter Grinding Machines, NC	47	1614
3529	Tool & Cutter Grinding Machines, Non-NC	577	21757
3533	Honing & Lapping Machines	214	12949
3539	Grinding Machines, Flat Surface, NC	35	2998
3541	Grinding Machines, Flat Surface, Reciprocating Table, Non-NC	344	5337
3543	Grinding Machines, Flat Surface, Non-NC, N.E.C.	1168	12522
3546	Grinding & Polishing Machines, NC, N.E.C.	92	10555
3554	External Grinding Machines, Non-NC	205	6962
3556	Internal Grinding Machines, Non-NC	29	2122
3558	Grinding, Polishing & Buffing Machines, Non-NC, N.E.C.	80	2068
3559	Grinding Machines, Non-NC, N.E.C.	606	16107
3562	Traveling Wire Electrical Discharge Machines	420	29427
3564	All Other Electrical Discharge Machines	187	9382
3567	Spark Erosion, Ultrasonic & Electrolytic Machines, NC	52	6805
3571	Spark Erosion, Ultrasonic & Electrolytic Machines, Non-NC	500	3352
3576	Metal Cutting Machines Tools, NC, N.E.C.	139	8515
3577	Sawing & Cut-Off Machines, Non-NC	775	11409
3578	Broaching Machines, Non-NC	110	1586
3579	Metal Cutting Machine Tools, Non-NC, N.E.C.	777	22344
4000	Metal Cutting Machine Tools, Used or Rebuilt*	1013	9639
5000	Metal Cutting Machine Tools, Less Than $2500**	456331	47805
	TOTAL CUTTING	474037	745828
674	METAL FORMING		
1010	Die Casting Machines	247	19515
3582	Metal Forming Machine Tools, Used or Rebuilt	288	2695
3583	Metal Forming Machine Tools, Less Than $2500	13228	5691
3584	Punching and Shearing Machines, Incl. Combination, NC	144	16372
3586	Shearing Machines, Non-NC	334	6541
3587	Punching & Combination Punching & Shearing Machines, Non-NC	288	6205
3588	Bending, Folding, Straightening & Flattening Machines, NC	151	9593
3589	Press Brakes, Non-NC	297	7625
3591	Bending Rolls, Ram & Press Bending Machines, Non-NC	54	850
3592	Bending, Folding, Str. & Flattening Machines, Non-NC, N.E.C.	594	21029
3593	Metal Forming Machine Tools, NC, N.E.C.	28	20741
3594	Mechanical Presses, Non-NC	269	31303
3595	Hydraulic Presses, Vertical, Single Action, Non-NC	31	1480
3596	Hydraulic & Pneumatic Presses, Non-NC, N.E.C.	533	22795
3597	Headers & Upsetters, Non-NC	28	4497
3598	Forging Machines, Non-NC, N.E.C.	49	11449
3599	Metal Forming Machine Tools, Non-NC, N.E.C.	1395	37587
	TOTAL FORMING	17958	225965
	TOTAL ALL TYPES	491995	971793

*CODE 6744000 SHOWN ABOVE REPRESENTS COMBINED DATA FROM CODES 674 3015, 3415, 3326, 3461, 3472, 3502, 3524, & 3573

**CODE 6745000 SHOWN ABOVE REPRESENTS COMBINED DATA FROM CODES 674 3100, 3462, 3473, 3503, 3526, & 3574

U.S. IMPORTS OF MACHINE TOOLS YEAR TO DATE SUMMARY
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
JUNE 1988

	AUSTRIA		BELGIUM		DENMARK		FRANCE		ITALY	
674	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3025	0	0	0	0	0	0	0	0	1	20
3035	0	0	0	0	0	0	0	0	0	0
3045	0	0	4	574	0	0	0	0	0	0
3404	0	0	0	0	0	0	5	350	0	0
3406	0	0	0	0	0	0	0	0	0	0
3409	0	0	0	0	0	0	0	0	0	0
3411	0	0	18	340	0	0	5	641	4	243
3412	0	0	0	0	0	0	0	0	2	565
3413	0	0	0	0	0	0	0	0	0	0
3417	0	0	0	0	0	0	0	0	0	0
3418	0	0	0	0	0	0	0	0	0	0
3419	0	0	0	0	0	0	0	0	0	0
3422	0	0	0	0	0	0	0	0	1	770
3423	0	0	0	0	0	0	0	0	9	1877
3328	0	0	0	0	0	0	0	0	0	0
3329	0	0	0	0	0	0	0	0	0	0
3334	0	0	0	0	0	0	0	0	0	0
3336	0	0	0	0	0	0	0	0	4	53
3342	0	0	0	0	2	41	1	9	33	1216
3464	0	0	0	0	0	0	0	0	13	1664
3466	0	0	0	0	0	0	0	0	0	0
3467	0	0	0	0	0	0	0	0	0	0
3468	0	0	0	0	0	0	3	98	0	0
3469	20	209	0	0	0	0	5	433	32	982
3476	0	0	0	0	0	0	0	0	0	0
3477	0	0	0	0	0	0	0	0	19	731
3481	0	0	0	0	0	0	0	0	0	0
3483	0	0	0	0	0	0	0	0	68	744
3504	0	0	0	0	0	0	0	0	1	19
3506	0	0	0	0	0	0	1	16	0	0
3508	0	0	0	0	0	0	3	257	0	0
3510	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	1	9
3513	0	0	0	0	0	0	0	0	0	0
3514	0	0	0	0	0	0	1	58	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	0	0	0	0	9	26	9	61
3505	0	0	0	0	0	0	0	0	0	0
3519	1	42	0	0	0	0	0	0	9	1698
3522	145	2295	0	0	0	0	0	0	5	201
3527	0	0	0	0	0	0	0	0	2	185
3528	0	0	0	0	0	0	0	0	33	512
3529	2	140	0	0	2	6	11	111	14	126
3533	0	0	0	0	2	32	14	249	25	112
3539	0	0	0	0	0	0	0	0	0	0
3541	0	0	0	0	0	0	0	0	66	1030
3543	33	215	0	0	0	0	1	11	3	72
3546	0	0	0	0	0	0	0	0	0	0
3554	0	0	0	0	0	0	1	57	9	434
3556	0	0	0	0	0	0	0	0	0	0
3558	0	0	0	0	0	0	0	0	15	569
3559	43	442	2	10	88	578	32	178	70	755
3562	0	0	0	0	0	0	0	0	0	0
3564	0	0	0	0	0	0	12	295	0	0
3567	0	0	0	0	0	0	0	0	0	0
3571	0	0	0	0	0	0	1	6	0	0
3576	0	0	0	0	0	0	8	128	1	17
3577	1	15	0	0	0	0	9	193	83	479
3578	0	0	0	0	0	0	0	0	1	108
3579	4	109	2	35	1	20	60	624	7	388
4000	1	1	9	58	2	3	10	49	48	729
5000	1549	961	228	68	148	136	2076	1244	4528	939
CUT YTD	1799	4429	263	1085	245	816	2268	5033	5116	17308
1010	0	0	0	0	0	0	0	0	42	439
3582	0	0	4	66	3	11	0	0	1	19
3583	43	13	261	78	30	26	498	328	1139	193
3584	0	0	0	0	0	0	0	0	1	60
3586	1	83	36	820	1	27	0	0	23	324
3587	0	0	0	0	0	0	1	48	94	2141
3588	0	0	2	351	6	94	3	349	4	468
3589	0	0	33	1093	2	162	0	0	7	27
3591	0	0	0	0	0	0	0	0	5	49
3592	0	0	4	636	1	170	3	793	87	4284
3593	0	0	2	8	0	0	0	0	2	381
3594	0	0	0	0	0	0	0	0	2	17
3595	1	83	0	0	0	0	0	0	0	0
3596	0	0	6	102	0	0	3	93	19	3507
3597	0	0	0	0	0	0	0	0	8	1176
3598	0	0	0	0	0	0	0	0	9	127
3599	2	52	257	3808	0	0	149	1448	138	4268
FRM YTD	47	231	605	6962	43	490	657	3059	1581	17480
TOT YTD	1846	4660	868	8047	288	1306	2925	8092	6697	34788

U.S. IMPORTS OF MACHINE TOOLS YEAR TO DATE SUMMARY
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
JUNE 1988

674	NETHERLANDS		PORTUGAL		SPAIN		SWEDEN		SWITZERLAND	
	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3025	0	0	0	0	0	0	0	0	1	133
3035	0	0	0	0	0	0	0	0	0	0
3045	0	0	0	0	1	6	3	91	0	0
3404	0	0	0	0	0	0	0	0	0	0
3406	0	0	0	0	0	0	0	0	0	0
3409	0	0	0	0	0	0	3	283	0	0
3411	0	0	0	0	0	0	0	0	11	1401
3412	0	0	0	0	0	0	0	0	19	3583
3413	0	0	0	0	0	0	0	0	0	0
3417	0	0	0	0	0	0	0	0	0	0
3418	0	0	0	0	0	0	0	0	0	0
3419	1	118	0	0	0	0	1	52	4	740
3422	0	0	0	0	1	200	0	0	0	0
3423	3	132	0	0	0	0	0	0	1	64
3328	0	0	0	0	11	115	0	0	0	0
3329	0	0	0	0	0	0	0	0	0	0
3334	0	0	0	0	20	110	0	0	0	0
3336	0	0	0	0	1	4	15	139	0	0
3342	1	43	2	13	28	83	7	61	4	68
3464	0	0	0	0	15	320	1	29	1	1076
3466	0	0	0	0	0	0	0	0	3	10
3467	0	0	0	0	614	3672	0	0	0	0
3468	0	0	0	0	8	226	0	0	0	0
3469	1	39	0	0	101	867	6	381	7	545
3476	0	0	0	0	0	0	0	0	2	884
3477	0	0	0	0	0	0	0	0	0	0
3481	0	0	0	0	0	0	0	0	0	0
3483	1	29	0	0	3	12	0	0	10	1212
3504	0	0	0	0	0	0	0	0	0	0
3506	0	0	0	0	0	0	0	0	1	4
3508	2	231	0	0	7	494	0	0	1	381
3510	0	0	0	0	0	0	25	465	0	0
3512	0	0	0	0	5	648	0	0	0	0
3513	0	0	0	0	0	0	0	0	0	0
3514	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	5	574
3516	0	0	0	0	0	0	0	0	7	321
3518	0	0	0	0	0	0	0	0	3	89
3505	0	0	0	0	0	0	0	0	4	578
3519	1	6	0	0	3	161	0	0	2	17
3522	0	0	0	0	4	153	1	13	7	87
3527	0	0	0	0	0	0	3	14	40	3962
3528	0	0	0	0	0	0	0	0	0	0
3529	0	0	0	0	7	600	1	9	45	937
3533	0	0	0	0	0	0	2	168	1	9
3539	0	0	0	0	2	119	0	0	2	387
3541	0	0	0	0	0	0	0	0	2	60
3543	1	448	0	0	2	124	1	7	6	716
3546	0	0	0	0	0	0	0	0	3	870
3554	0	0	0	0	0	0	10	519	41	3757
3556	0	0	0	0	0	0	0	0	2	288
3558	26	690	0	0	18	48	0	0	3	305
3559	6	492	0	0	0	0	7	447	19	754
3562	0	0	0	0	9	207	0	0	65	7584
3564	0	0	0	0	0	0	1	5	22	2575
3567	0	0	0	0	0	0	0	0	0	0
3571	0	0	0	0	0	0	0	0	0	0
3576	0	0	0	0	0	0	0	0	0	0
3577	13	45	0	0	2	23	0	0	3	287
3578	0	0	0	0	0	0	0	0	0	0
3579	1	76	0	0	1	19	9	240	16	355
4000	6	25	0	0	32	294	4	28	47	663
5000	4265	559	20	25	221	57	878	794	2611	267
CUT YTD	4328	2928	22	38	1116	8562	978	3745	3021	35543
1010	0	0	0	0	0	0	0	0	2	610
3582	1	53	0	0	0	0	5	17	9	138
3583	9	9	6	2	392	149	365	139	818	116
3584	1	57	0	0	0	0	0	0	11	1040
3586	6	87	4	73	19	160	0	0	0	0
3587	0	0	1	50	87	870	29	473	4	73
3588	1	44	0	0	0	0	0	0	4	80
3589	0	0	28	263	0	0	0	0	4	163
3591	0	0	0	0	0	0	25	341	0	0
3592	14	693	1	4	0	0	28	578	13	608
3593	0	0	0	0	0	0	1	59	1	49
3594	1	321	4	44	0	0	0	0	12	1126
3595	0	0	0	0	0	0	1	78	0	0
3596	1	16	4	52	1	32	5	690	6	804
3597	0	0	0	0	0	0	0	0	1	183
3598	0	0	0	0	0	0	0	0	1	4
3599	0	0	0	0	16	842	34	209	36	5592
FRM YTD	34	1280	48	488	515	2053	493	2584	922	10586
TOT YTD	4362	4208	70	526	1631	10615	1471	6329	3943	46129

U.S. IMPORTS OF MACHINE TOOLS YEAR-TO-DATE SUMMARY
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
JUNE 1988

	U. KINGDOM		W. GERMANY		YUGOSLAVIA		CANADA		BRAZIL	
674	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3025	1	5	20	4235	0	0	0	0	0	0
3035	3	573	5	1329	0	0	0	0	0	0
3045	0	0	11	448	0	0	0	0	0	0
3404	46	3645	11	1471	0	0	0	0	0	0
3406	0	0	1	185	0	0	0	0	0	0
3409	82	3939	0	0	0	0	0	0	0	0
3411	6	449	12	4826	0	0	11	242	0	0
3412	1	337	87	21708	0	0	0	0	0	0
3413	0	0	0	0	0	0	0	0	0	0
3417	1	758	0	0	0	0	0	0	0	0
3418	0	0	4	1207	4	214	0	0	0	0
3419	0	0	38	3596	0	0	0	0	0	0
3422	0	0	1	300	0	0	0	0	0	0
3423	0	0	14	424	0	0	0	0	0	0
3328	3	61	1	26	0	0	0	0	0	0
3329	0	0	0	0	0	0	0	0	0	0
3334	0	0	0	0	0	0	1	4	4	29
3336	0	0	28	160	0	0	1	18	0	0
3342	6	322	39	6242	0	0	13	290	5	21
3464	10	878	32	2521	0	0	2	148	0	0
3466	4	121	2	19	0	0	0	0	0	0
3467	56	208	0	0	0	0	0	0	0	0
3468	2	64	79	7088	0	0	0	0	0	0
3469	678	7183	53	8818	0	0	37	202	1	15
3476	3	213	0	0	0	0	0	0	0	0
3477	0	0	2	144	0	0	0	0	0	0
3481	0	0	0	0	0	0	0	0	0	0
3483	7	1034	74	826	0	0	11	158	0	0
3504	0	0	1	272	0	0	0	0	0	0
3506	25	813	38	4362	0	0	0	0	0	0
3508	2	334	6	851	0	0	0	0	1	5
3510	0	0	0	0	0	0	0	0	0	0
3512	210	2810	0	0	72	576	1	6	197	1190
3513	0	0	0	0	0	0	0	0	0	0
3514	0	0	1	537	0	0	0	0	0	0
3515	0	0	4	97	0	0	0	0	0	0
3516	5	615	0	0	0	0	1	29	0	0
3518	10	383	6	998	0	0	2	7	75	260
3505	1	97	0	0	0	0	0	0	0	0
3519	0	0	4	377	0	0	0	0	0	0
3522	60	1255	29	2581	0	0	76	1525	53	334
3527	35	929	46	6116	0	0	1	9	0	0
3528	1	98	4	255	0	0	1	52	0	0
3529	100	1441	202	14451	0	0	15	214	0	0
3533	60	1044	26	4180	0	0	3	17	0	0
3539	0	0	5	959	0	0	0	0	0	0
3541	0	0	2	235	0	0	0	0	0	0
3543	6	185	93	1296	12	63	40	153	0	0
3546	2	268	56	5460	0	0	0	0	0	0
3554	16	200	26	410	0	0	0	0	0	0
3556	0	0	10	801	0	0	0	0	0	0
3558	0	0	3	115	0	0	0	0	0	0
3559	63	3401	92	2464	0	0	19	124	0	0
3562	1	21	6	463	0	0	0	0	0	0
3564	5	55	22	1214	0	0	0	0	0	0
3567	1	26	5	557	0	0	0	0	0	0
3571	24	1013	7	269	0	0	1	14	0	0
3576	7	325	14	4303	0	0	10	230	0	0
3577	77	287	82	1221	34	98	70	676	0	0
3578	19	879	88	565	0	0	0	0	0	0
3579	126	2011	148	6888	0	0	144	2666	0	0
4000	150	1408	115	1519	1	3	259	574	1	28
5000	4872	1120	5389	1343	98	146	4238	1284	30	46
CUT YTD	6787	40808	7044	130732	221	1100	4957	8642	367	1928
1010	16	158	47	1134	0	0	90	10354	0	0
3582	90	254	10	152	0	0	97	677	0	0
3583	249	67	2022	1357	0	0	290	172	0	0
3584	1	297	25	2847	0	0	0	0	0	0
3586	76	479	23	1361	0	0	24	493	0	0
3587	1	5	25	673	0	0	16	157	0	0
3588	8	1117	7	830	0	0	8	394	0	0
3589	2	10	0	0	0	0	77	2388	0	0
3591	9	57	2	100	0	0	7	211	0	0
3592	23	955	76	972	0	0	184	3813	2	8
3593	2	950	1	981	0	0	0	0	0	0
3594	7	1092	52	3349	0	0	9	190	0	0
3595	1	244	3	255	0	0	6	267	0	0
3596	101	1215	39	2179	0	0	60	924	0	0
3597	0	0	2	232	0	0	2	27	0	0
3598	1	6	26	1784	0	0	0	0	0	0
3599	58	2087	240	9117	0	0	78	2573	14	58
FRM YTD	645	8993	2600	27323	0	0	948	22640	16	66
TOT YTD	7432	49801	9644	158055	221	1100	5905	31282	383	1994

U.S. IMPORTS OF MACHINE TOOLS YEAR TO DATE SUMMARY
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
JUNE 1988

	CHINA		ISRAEL		JAPAN		KOREAN REP.		SINGAPORE	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3025	0	0	0	0	7	714	2	64	0	0
3035	0	0	0	0	0	0	0	0	0	0
3045	2	48	0	0	1	22	0	0	0	0
3404	0	0	0	0	688	56744	2	87	2	148
3406	0	0	0	0	26	3601	0	0	0	0
3409	5	91	0	0	286	52532	1	36	0	0
3411	0	0	0	0	78	26856	10	516	0	0
3412	0	0	0	0	10	9518	0	0	0	0
3413	0	0	0	0	0	0	0	0	0	0
3417	0	0	0	0	0	0	0	0	0	0
3418	0	0	0	0	17	1511	0	0	0	0
3419	0	0	0	0	8	2490	0	0	0	0
3422	0	0	0	0	0	0	0	0	0	0
3423	0	0	0	0	2	11	0	0	0	0
3328	0	0	0	0	119	5067	0	0	0	0
3329	0	0	0	0	37	422	0	0	0	0
3334	0	0	0	0	1	37	0	0	0	0
3336	9	40	0	0	4	71	0	0	0	0
3342	5	16	0	0	39	700	1	35	0	0
3464	0	0	0	0	40	8925	0	0	0	0
3466	0	0	0	0	3	230	0	0	0	0
3467	10	210	0	0	19	884	0	0	0	0
3468	0	0	2	61	14	600	0	0	0	0
3469	75	323	0	0	31	850	2	35	0	0
3476	0	0	0	0	3	494	0	0	0	0
3477	0	0	0	0	2	54	3	128	0	0
3481	0	0	0	0	4	907	0	0	0	0
3483	0	0	15	45	4	156	0	0	0	0
3504	5	41	0	0	66	8277	0	0	0	0
3506	0	0	0	0	1384	92420	62	2674	23	212
3508	0	0	0	0	179	22093	5	274	0	0
3510	0	0	0	0	17	2078	0	0	0	0
3512	51	246	0	0	15	463	157	1114	90	830
3513	0	0	0	0	1	125	0	0	0	0
3514	0	0	0	0	4	270	0	0	0	0
3515	0	0	0	0	65	1861	0	0	0	0
3516	0	0	0	0	23	598	0	0	0	0
3518	11	83	0	0	8	981	0	0	0	0
3505	10	28	0	0	7	1051	0	0	0	0
3519	0	0	0	0	44	4109	9	196	0	0
3522	49	175	0	0	19	1645	47	490	0	0
3527	0	0	0	0	91	1394	0	0	0	0
3528	0	0	0	0	6	673	0	0	0	0
3529	1	4	0	0	73	2920	0	0	0	0
3533	0	0	0	0	81	7138	0	0	0	0
3539	0	0	0	0	19	1282	2	153	0	0
3541	0	0	0	0	24	1309	0	0	213	2461
3543	17	90	0	0	272	5515	0	0	0	0
3546	0	0	0	0	29	3836	0	0	0	0
3554	0	0	0	0	80	1428	0	0	0	0
3556	7	66	0	0	9	919	0	0	0	0
3558	5	97	0	0	2	156	0	0	0	0
3559	16	215	0	0	70	5724	0	0	0	0
3562	0	0	0	0	281	20715	0	0	0	0
3564	3	38	0	0	77	4733	1	12	0	0
3567	0	0	0	0	43	6115	0	0	0	0
3571	6	54	0	0	408	1836	0	0	0	0
3576	1	18	0	0	92	3063	0	0	0	0
3577	1	4	14	690	159	6300	3	93	1	6
3578	0	0	0	0	2	34	0	0	0	0
3579	1	5	0	0	190	8580	1	5	0	0
4000	0	0	0	0	135	3368	1	4	0	0
5000	16413	950	245	12	26018	5515	1063	262	84	75
CUT YTD	16703	2842	276	808	31436	401920	1372	6178	413	3732
1010	0	0	0	0	47	6778	0	0	0	0
3582	0	0	1	50	58	667	1	7	0	0
3583	1	2	6	11	1009	1157	25	24	216	112
3584	0	0	0	0	105	12071	0	0	0	0
3586	0	0	18	346	53	1730	1	15	39	409
3587	0	0	0	0	17	1600	0	0	0	0
3588	0	0	0	0	100	5592	0	0	0	0
3589	0	0	4	128	73	2590	0	0	28	439
3591	0	0	0	0	6	92	0	0	0	0
3592	0	0	6	70	127	7324	3	20	0	0
3593	0	0	0	0	13	18046	0	0	0	0
3594	0	0	0	0	156	24481	0	0	0	0
3595	0	0	0	0	18	515	0	0	0	0
3596	9	61	0	0	246	12049	0	0	0	0
3597	0	0	0	0	15	2879	0	0	0	0
3598	2	58	0	0	6	9427	0	0	0	0
3599	0	0	19	235	313	6764	17	79	2	86
FRM YTD	12	121	54	840	2362	113762	47	145	285	1046
TOT YTD	16715	2963	330	1648	33798	515682	1419	6323	698	4778

U.S. IMPORTS OF MACHINE TOOLS YEAR TO DATE SUMMARY
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
JUNE 1988

	TAIWAN		AUSTRALIA		ALL OTHERS	
674	UNITS	$000	UNITS	$000	UNITS	$000
3025	0	0	0	0	5	104
3035	0	0	0	0	0	0
3045	0	0	0	0	1	111
3404	105	4514	0	0	0	0
3406	16	1014	0	0	0	0
3409	3	157	0	0	0	0
3411	6	620	0	0	5	242
3412	0	0	0	0	0	0
3413	0	0	0	0	0	0
3417	0	0	0	0	0	0
3418	0	0	0	0	0	0
3419	10	273	0	0	0	0
3422	0	0	0	0	0	0
3423	52	205	0	0	0	0
3328	0	0	0	0	0	0
3329	0	0	0	0	0	0
3334	44	234	0	0	0	0
3336	23	99	0	0	0	0
3342	40	248	0	0	2	11
3464	39	1430	0	0	0	0
3466	2	42	0	0	0	0
3467	895	4643	0	0	4	47
3468	60	569	1	10	0	0
3469	228	1539	1	12	15	222
3476	0	0	0	0	0	0
3477	0	0	0	0	1	69
3481	0	0	0	0	0	0
3483	0	0	0	0	4	208
3504	6	335	0	0	0	0
3506	110	3946	0	0	1	29
3508	11	404	0	0	0	0
3510	0	0	0	0	0	0
3512	379	2494	0	0	118	1144
3513	1	18	0	0	0	0
3514	0	0	0	0	0	0
3515	15	155	0	0	0	0
3516	0	0	0	0	0	0
3518	4	24	0	0	0	0
3505	0	0	0	0	0	0
3519	0	0	0	0	0	0
3522	31	199	1	16	0	0
3527	119	700	1	22	3	38
3528	2	24	0	0	0	0
3529	88	543	8	154	8	101
3533	0	0	0	0	0	0
3539	5	98	0	0	0	0
3541	37	242	0	0	0	0
3543	670	3455	0	0	11	177
3546	1	10	0	0	1	111
3554	22	157	0	0	0	0
3556	0	0	0	0	1	48
3558	5	32	0	0	3	56
3559	69	481	0	0	10	42
3562	35	202	23	235	0	0
3564	23	230	21	225	0	0
3567	0	0	0	0	3	107
3571	52	45	1	115	0	0
3576	3	334	1	49	2	48
3577	216	967	1	7	6	18
3578	0	0	0	0	0	0
3579	64	294	0	0	2	29
4000	139	407	4	3	49	475
5000	334470	30488	166	55	46721	1459
CUT YTD	338100	61871	229	903	46976	4896
1010	3	42	0	0	0	0
3582	0	0	5	208	3	376
3583	5508	1396	0	0	341	340
3584	0	0	0	0	0	0
3586	4	42	0	0	6	92
3587	9	54	0	0	4	61
3588	0	0	0	0	8	274
3589	38	350	0	0	1	12
3591	0	0	0	0	0	0
3592	6	41	0	0	16	60
3593	0	0	0	0	6	267
3594	24	618	0	0	2	65
3595	0	0	0	0	1	38
3596	18	596	0	0	15	475
3597	0	0	0	0	0	0
3598	4	43	0	0	0	0
3599	7	122	0	0	15	247
FRM YTD	5621	3304	5	208	418	2307
TOT YTD	343721	65175	234	1111	47394	7203

U.S. IMPORTS OF MACHINE TOOLS YEAR TO DATE SUMMARY TOTAL AND COUNTRIES OF ORIGIN
THE FOLLOWING IS A BREAKDOWN OF THE ACTIVITY BY COUNTRY WHICH IS INCLUDED IN THE
ALL OTHER COLUMN
JUNE 1988

	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	$000	UNITS	$000	UNITS	$000
OTHER EUROPE						
AZORES	0	0	0	0	0	0
BULGARIA	0	0	0	0	0	0
CYPRUS	0	0	0	0	0	0
CZECHOSLOVAKIA	54	632	0	0	54	632
EAST GERMANY	30	507	2	47	32	554
FINLAND	14	266	45	480	59	746
GIBRALTAR	0	0	0	0	0	0
GREECE	0	0	8	270	8	270
HUNGARY	3	101	0	0	3	101
ICELAND	0	0	0	0	0	0
IRELAND	101	15	10	3	111	18
MALTA	0	0	0	0	0	0
NORWAY	3	113	14	330	17	443
POLAND	91	918	0	0	91	918
ROMANIA	1	10	0	0	1	10
USSR	4	183	1	8	5	191
OTHER EUROPE	95	83	6	1	101	84
TOTAL	396	2828	86	1139	482	3967
OTHER NORTH AND CENTRAL AMERICA						
BAHAMAS	0	0	0	0	0	0
BARBADOS	0	0	0	0	0	0
BELIZE	0	0	0	0	0	0
BERMUDA	0	0	0	0	0	0
CAYMAN	0	0	0	0	0	0
COSTA RICA	0	0	0	0	0	0
DOMINICAN REP	0	0	0	0	0	0
FR. W. INDIES	0	0	0	0	0	0
GUATEMALA	0	0	0	0	0	0
HAITI	0	0	0	0	0	0
HONDURAS	0	0	0	0	0	0
JAMAICA	0	0	0	0	0	0
LW & WW IS	0	0	0	0	0	0
MEXICO	46398	1530	179	835	46577	2365
NICARAGUA	0	0	0	0	0	0
N. ANTILLES	0	0	0	0	0	0
PANAMA	0	0	0	0	0	0
SALVADOR	0	0	0	0	0	0
TRINIDAD	0	0	0	0	0	0
TURK ISLAND	0	0	0	0	0	0
OTHER N & C AM	0	0	0	0	0	0
TOTAL	46398	1530	179	835	46577	2365
OTHER SOUTH AMERICA						
ARGENTINA	14	130	0	0	14	130
BOLIVIA	0	0	0	0	0	0
CHILE	0	0	0	0	0	0
COLOMBIA	0	0	0	0	0	0
ECUADOR	0	0	0	0	0	0
FRENCH GUIANA	0	0	0	0	0	0
GUYANA	0	0	0	0	0	0
PARAGUAY	0	0	0	0	0	0
PERU	0	0	0	0	0	0
SURINAM	0	0	0	0	0	0
URAGUAY	0	0	0	0	0	0
VENEZUELA	5	11	0	0	5	11
OTHER S. AM.	0	0	0	0	0	0
TOTAL	19	141	0	0	19	141
OTHER OCEANIA						
FR. PAC. IS	0	0	0	0	0	0
NEW GUINEA	0	0	0	0	0	0
NEW ZEALAND	0	0	52	11	52	11
SAMOA	0	0	0	0	0	0
TERR. PAC. IS.	0	0	0	0	0	0
OTH. PAC. IS.	0	0	0	0	0	0
OTHER OCEANIA	0	0	0	0	0	0
TOTAL	0	0	52	11	52	11

U.S. IMPORTS OF MACHINE TOOLS YEAR TO DATE SUMMARY TOTAL AND COUNTRIES OF ORIGIN
THE FOLLOWING IS A BREAKDOWN OF THE ACTIVITY BY COUNTRY WHICH IS INCLUDED IN THE ALL OTHER COLUMN
JUNE 1988

	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	$000	UNITS	$000	UNITS	$000
OTHER ASIA						
ADEN	0	0	0	0	0	0
AFGHANISTAN	0	0	0	0	0	0
ARAB EMIRATES	0	0	0	0	0	0
BAHRAIN	0	0	0	0	0	0
BANGLADESH	0	0	0	0	0	0
BRUNEI	0	0	0	0	0	0
BURMA	0	0	0	0	0	0
GAZA STRIP	0	0	0	0	0	0
HONG KONG	101	120	6	146	107	266
INDIA	35	199	20	20	55	219
INDONESIA	0	0	0	0	0	0
IRAN	0	0	0	0	0	0
IRAQ	0	0	0	0	0	0
JORDAN	0	0	0	0	0	0
KUWAIT	0	0	0	0	0	0
LEBANON	0	0	0	0	0	0
MALAYSIA	0	0	1	5	1	5
NEPAL	0	0	0	0	0	0
OMAN	0	0	0	0	0	0
PAKISTAN	0	0	0	0	0	0
PHILIPPINES	17	39	0	0	17	39
QATAR	0	0	0	0	0	0
SAUDI ARABIA	0	0	0	0	0	0
SRI LANKA	0	0	0	0	0	0
SYRIA	0	0	0	0	0	0
THAILAND	0	0	22	24	22	24
TURKEY	0	0	0	0	0	0
YEMEN	0	0	0	0	0	0
OTHER ASIA	0	0	0	0	0	0
TOTAL	153	358	49	195	202	553
OTHER AFRICA						
AFARS & ISSAS	0	0	0	0	0	0
ALGERIA	0	0	0	0	0	0
ANGOLA	0	0	0	0	0	0
BENIN	0	0	0	0	0	0
BOTSWANA	0	0	0	0	0	0
CAMEROON	0	0	0	0	0	0
CANARY ISLANDS	0	0	0	0	0	0
DAHOMEY	0	0	0	0	0	0
EGYPT	0	0	0	0	0	0
ETHIOPIA	0	0	0	0	0	0
GABON	0	0	0	0	0	0
GHANA	4	35	0	0	4	35
GUINEA	0	0	0	0	0	0
IVORY COAST	0	0	0	0	0	0
KENYA	0	0	1	67	1	67
LESOTHO	0	0	0	0	0	0
LIBERIA	0	0	0	0	0	0
LIBYA	0	0	0	0	0	0
MALAG. REP.	0	0	0	0	0	0
MALAWI	0	0	0	0	0	0
MAURITANIA	0	0	0	0	0	0
MAURITIUS	0	0	0	0	0	0
MOROCCO	0	0	0	0	0	0
MOZAMBIQUE	0	0	0	0	0	0
NIGER	0	0	1	52	1	52
NIGERIA	0	0	0	0	0	0
REP. S. AFRICA	6	4	50	8	56	12
RWANDA	0	0	0	0	0	0
SENEGAL	0	0	0	0	0	0
SIERRA LEONE	0	0	0	0	0	0
SOMALIA	0	0	0	0	0	0
S. W. AFRICA	0	0	0	0	0	0
SUDAN	0	0	0	0	0	0
SWAZILAND	0	0	0	0	0	0
TANZANIA	0	0	0	0	0	0
TOGO	0	0	0	0	0	0
TUNISIA	0	0	0	0	0	0
UGANDA	0	0	0	0	0	0
ZAIRE	0	0	0	0	0	0
ZAMBIA	0	0	0	0	0	0
ZIMBABWE	0	0	0	0	0	0
OTH. WEST AFR.	0	0	0	0	0	0
OTHER AFRICA	0	0	0	0	0	0
TOTAL	10	39	52	127	62	166

SOURCE: U.S. DEPARTMENT OF COMMERCE CENSUS REPORT NO. IM146; NATIONAL MACHINE TOOL BUILDERS' ASSOCIATION

NOTES: 1)'0-' = DOLLAR AMOUNT LESS THAN $500. 2)N.E.C. - NOT ELSEWHERE CLASSIFIED. 3)INDIVIDUAL ITEMS MAY NOT ADD TO TOTALS DUE TO ROUNDING. 4)MACHINE TOOL IMPORTS, AS REFLECTED IN THE GOVERNMENT STATISTICS, ARE ACTUALLY UNDERVALUED SINCE THEY REFLECT VALUES IN THE COUNTRY OF ORIGIN AND DO NOT INCLUDE OCEAN FREIGHT, INSURANCE, COMMISSIONS OR IMPORT DUTIES.

U.S. EXPORTS OF MACHINE TOOLS YEAR TO DATE SUMMARY
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
JUNE 1988

RELEASED: SEPTEMBER 23, 1988

		TOTAL UNITS	YTD $000
674	METAL CUTTING		
3020	Gear Hobbers & Shapers	62	4639
3045	Gear Cutting Machines, N.E.C.	27	6287
3204	Vertical Mach. Ctrs. ATC, NC, Y-Axis Travel 26" or Less	67	4515
3206	Vertical Mach. Ctrs. ATC, NC, Y-Axis Travel Over 26"	8	1728
3209	Horizontal Machining Centers, ATC, NC	9	2449
3211	Machining Centers, NC, N.E.C.	41	3192
3216	Single-Station and Multi-Station Transfer Machines	14	9444
3225	Way Type Machines (Unit Heads)	5	415
3245	Horiz. Boring-Drilling-Milling Machines, Table Type, NC	2	692
3246	Horiz. Boring-Drilling-Milling Machines, NC, N.E.C.	2	492
3247	Vertical Boring-Drilling-Milling Machines, NC	3	1269
3248	Horiz. Boring-Drilling-Milling Machines, Non-NC	3	538
3249	Vertical Boring-Drilling-Milling Machines, Non-NC	11	657
3254	Drilling Machines, NC	12	758
3255	Drilling Machines, Multi-Spindle, Non-NC	11	916
3256	Drilling Machines, Radial, Non-NC	13	553
3257	Drilling Machines, Upright, Single Spindle, Non-NC	8	270
3258	Drilling Machines, Non-NC, N.E.C.	48	1351
3264	Milling Machines, NC	10	2990
3266	Milling Machines, Profiling, Dupl. & Die Sinking, Non-NC	25	2946
3267	Milling Machines, Knee Type, Non-NC	2	88
3268	Milling Machines, Bed Type, Non-NC	1	54
3269	Milling Machines, Non-NC, N.E.C.	90	4921
3276	Vertical Boring Machines, Incl. VTLs, NC	0	0
3277	Vertical Boring Machines, Incl. VTLs, Non-NC	55	2377
3281	Boring Machines, NC, N.E.C.	3	210
3283	Boring Machines, Non-NC, N.E.C.	73	3489
3503	Horizontal Lathes, Multi-Spindle, NC	28	5861
3505	Horizontal Lathes, Excl. Multi-Spindle, NC, Less Than 25 HP	65	4801
3507	Horizontal Lathes, Excl. Multi-Spindle, NC, 25-50 HP	17	2707
3509	Horizontal Lathes, Excl. Multi-Spindle, NC, Over 50 HP	5	1486
3510	Horizontal Engine & Toolroom Lathes, Non-NC	42	1387
3511	Automatic Chucking Lathes, Single Spindle, Non-NC	15	1753
3512	Automatic Chucking Lathes, Multi-Spindle, Non-NC	6	478
3515	Automatic Bar Machines, Single Spindle, Non-NC	17	191
3516	Automatic Bar Machines, Multi-Spindle, Non-NC	31	1164
3518	Horizontal Lathes, Non-NC, N.E.C.	173	4931
3521	Vertical Lathes, Multi-Spindle, Excl. VTLs, NC	3	438
3523	Vertical Lathes, Excl. Multi-Spindle & VTLs, NC	4	183
3525	Vertical Lathes, Excl. VTLs, Non-NC	44	2237
3528	Grinding, Polishing, Honing & Lapping Machines, NC	115	22061
3529	Gear Tooth Grinding & Finishing Machines, Non-NC	33	1212
3531	Tool & Cutter Grinding Machines, Non-NC	205	3620
3532	Honing & Lapping Machines, Non-NC	310	3559
3533	Grinding Machines, Flat Surface Reciprocating Table, Non-NC	77	1183
3538	Grinding Machines, Flat Surface, Non-NC, N.E.C.	135	8667
3541	External Grinding Machines, Non-NC	10	943
3542	Internal Grinding Machines, Non-NC	22	4485
3544	Grinding, Polishing & Buffing Machines, Non-NC, N.E.C.	134	6877
3546	Grinding Machines, Non-NC, N.E.C.	155	5764
3547	Traveling Wire Electrical Discharge Machines	3	190
3549	All Other Electrical Discharge Machines	104	991
3551	Spark Erosion, Ultrasonic & Electrolytic Machines, NC	5	218
3553	Spark Erosion, Ultrasonic & Electrolytic Machines, Non-NC	55	2294
3559	Metal Cutting Machine Tools, NC, N.E.C.	74	3073
3565	Sawing & Cut-Off Machines, Non-NC	290	3930
3566	Broaching Machines, Non-NC	7	1120
3567	Metal Cutting Machine Tools, Non-NC, N.E.C.	154	4056
4000	Metal Cutting Machine Tools, Used Or Rebuilt*	3072	28060
5000	Metal Cutting Machine Tools, Less Than $2500**	15456	8297
	TOTAL CUTTING	21471	195419
674	METAL FORMING		
1011	Die Casting Machines & Parts	0	8133
3568	Metal Forming Machine Tools, Used Or Rebuilt	513	6650
3569	Metal Forming Machine Tools, Less Than $2500	3654	2236
3571	Punching & Shearing Machines, Incl. Combination, NC	55	9379
3573	Shearing Machines, Non-NC	60	1365
3575	Punching & Combination Punching & Shearing Machines, Non-NC	451	11737
3578	Bending, Folding, Straightening & Flattening Machines, NC	71	3142
3582	Press Brakes, Non-NC	44	2460
3583	Bending Rolls, Ram & Press Bending Machines, Non-NC	9	1171
3584	Bending, Folding, Str. & Flattening Machines, Non-NC, N.E.C.	539	17110
3588	Mechanical Presses	159	15071
3589	Hydraulic Presses, Vertical, Single Action	66	3218
3590	Hydraulic & Pneumatic Presses	625	28737
3594	Headers & Upsetters, Non-NC	47	11613
3595	Forging Machines, Non-NC, N.E.C.	48	1268
3598	Metal Forming Machine Tools, Non-NC, N.E.C.	566	32035
	TOTAL FORMING	6907	155367
	TOTAL ALL TYPES	28378	350726

*CODE 6744000 SHOWN ABOVE REPRESENTS COMBINED DATA FROM CODES 674 3015, 3241, 3252, 3261, 3272, 3501, 3526, & 3554

**CODE 6745000 SHOWN ABOVE REPRESENTS COMBINED DATA FROM CODES 674 3243, 3253, 3262, 3273, 3502, 3527 & 3557

U.S. EXPORTS OF MACHINE TOOLS YEAR TO DATE SUMMARY
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
JUNE 1988

674:	AUSTRIA		BELGIUM		DENMARK		FRANCE		IRELAND	
	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	2	196	0	0
3204	0	0	10	996	0	0	7	734	0	0
3206	0	0	1	122	0	0	0	0	0	0
3209	0	0	0	0	0	0	0	0	0	0
3211	0	0	0	0	0	0	2	82	0	0
3216	0	0	0	0	0	0	0	0	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	1	215	0	0	0	0	0	0	0	0
3254	0	0	0	0	0	0	0	0	0	0
3255	0	0	0	0	0	0	0	0	0	0
3256	0	0	0	0	0	0	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	0	0	0	0	0	0	0	0	0	0
3264	0	0	0	0	0	0	0	0	0	0
3266	0	0	0	0	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	0	0	0	0	0	0	0	0	0	0
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	0	0	0	0	7	165	0	0
3281	0	0	0	0	0	0	2	125	0	0
3283	0	0	0	0	0	0	0	0	0	0
3503	0	0	0	0	0	0	0	0	0	0
3505	1	78	15	1127	0	0	0	0	0	0
3507	0	0	0	0	0	0	0	0	0	0
3509	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	2	72	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	0	0	0	0	1	505	0	0
3521	0	0	0	0	0	0	0	0	1	235
3523	0	0	0	0	0	0	0	0	0	0
3525	0	0	0	0	0	0	0	0	0	0
3528	0	0	0	0	1	25	0	0	0	0
3533	0	0	0	0	0	0	0	0	0	0
3531	0	0	2	89	0	0	0	0	2	14
3532	2	30	10	85	1	14	18	194	0	0
3533	[illegible]	0	0	0	0	0	0	0	0	0
3538	[illegible]	0	0	0	0	0	0	0	0	0
3541	[illegible]	0	0	0	0	0	0	0	0	0
3542	[illegible]	0	0	0	0	0	6	448	0	0
3544	3	41	0	0	1	172	0	0	3	41
3546	0	0	0	0	0	0	1	27	4	239
3547	0	0	0	0	0	0	0	0	0	0
3549	5	45	1	2	0	0	1	82	0	0
3551	0	0	0	0	0	0	0	0	0	0
3553	0	0	0	0	0	0	0	0	0	0
3559	0	0	0	0	0	0	2	78	0	0
3565	1	10	0	0	0	0	1	6	1	11
3566	0	0	0	0	0	0	0	0	0	0
3567	0	0	0	0	1	165	11	303	0	0
4000	14	8	15	148	0	0	82	762	0	0
5000	51	33	110	85	0	0	141	96	0	0
CUT YTD	78	460	164	2654	4	376	286	3875	11	540
1011	0	21	0	2	0	2	0	173	0	0
3568	0	0	3	38	0	0	37	531	0	0
3569	0	0	76	13	2	2	194	66	0	0
3571	0	0	0	0	0	0	0	0	0	0
3573	0	0	0	0	0	0	1	235	0	0
3575	0	0	1	40	1	25	24	731	7	143
3578	0	0	0	0	2	46	5	106	0	0
3582	0	0	0	0	0	0	0	0	0	0
3583	0	0	0	0	0	0	0	0	0	0
3584	1	79	2	215	2	39	9	596	6	239
3588	0	0	0	0	3	87	4	638	0	0
3589	0	0	6	119	0	0	1	577	0	0
3590	0	0	0	0	0	0	10	224	0	0
3594	0	0	0	0	0	0	0	0	0	0
3595	0	0	0	0	0	0	0	0	1	31
3598	0	0	13	504	0	0	16	942	0	0
FRM YTD	1	100	101	931	10	191	301	4819	14	413
TOT YTD	79	560	265	3585	14	567	587	8694	25	953

U.S. EXPORTS OF MACHINE TOOLS YEAR TO DATE SUMMARY
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
JUNE 1988

674:	ITALY		NETHERLANDS		POLAND		SPAIN		SWEDEN	
	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	2	201	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	0	0	0	0
3204	0	0	0	0	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	0	0	0	0	0	0	0	0
3211	1	123	0	0	0	0	0	0	0	0
3216	0	0	0	0	0	0	0	0	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	1	157	1	600
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	0	0	0	0	0	0	0	0
3254	3	103	0	0	0	0	0	0	0	0
3255	1	92	0	0	0	0	0	0	0	0
3256	1	176	0	0	0	0	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	3	436	0	0	0	0	1	60	1	90
3264	0	0	0	0	0	0	0	0	0	0
3266	0	0	0	0	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	0	0	0	0	0	0	0	0	0	0
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	0	0	0	0	0	0	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	3	47	0	0	0	0	0	0	0	0
3503	0	0	0	0	0	0	0	0	0	0
3505	0	0	0	0	0	0	0	0	0	0
3507	0	0	0	0	0	0	0	0	0	0
3509	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	7	321	0	0
3518	0	0	2	28	0	0	0	0	2	23
3521	0	0	0	0	0	0	0	0	0	0
3523	0	0	0	0	0	0	0	0	0	0
3525	4	53	0	0	0	0	0	0	0	0
3528	5	998	1	263	0	0	0	0	0	0
3529	2	82	0	0	0	0	0	0	0	0
3531	2	128	0	0	0	0	1	111	0	0
3532	30	246	7	71	1	15	11	91	3	19
3533	0	0	0	0	0	0	0	0	0	0
3538	9	101	0	0	0	0	0	0	0	0
3541	0	0	0	0	0	0	0	0	0	0
3542	0	0	1	124	0	0	0	0	0	0
3544	6	285	9	107	0	0	0	0	1	152
3546	0	0	3	460	0	0	1	18	2	26
3547	0	0	0	0	0	0	0	0	0	0
3549	11	46	0	0	0	0	2	4	9	68
3551	0	0	0	0	0	0	0	0	0	0
3553	0	0	0	0	0	0	0	0	0	0
3559	0	0	1	15	0	0	1	368	0	0
3565	5	155	5	230	0	0	1	10	0	0
3566	0	0	0	0	0	0	0	0	0	0
3567	0	0	0	0	0	0	6	28	3	32
4000	154	1133	12	23	3	6	4	75	31	254
5000	112	73	112	86	0	0	187	59	63	69
CUT YTD	354	4478	153	1407	4	21	223	1302	116	1333
1011	0	26	0	36	0	0	0	44	0	27
3568	7	108	0	0	0	0	23	223	3	191
3569	11	9	23	4	0	0	0	0	50	8
3571	0	0	7	1234	0	0	0	0	0	0
3573	1	61	0	0	0	0	0	0	0	0
3575	9	293	13	177	0	0	1	50	7	89
3578	1	16	2	68	0	0	2	50	0	0
3582	0	0	0	0	0	0	0	0	0	0
3583	0	0	0	0	0	0	0	0	0	0
3584	37	935	4	19	0	0	19	677	8	124
3588	4	763	2	42	0	0	1	399	0	0
3589	0	0	0	0	0	0	0	0	1	31
3590	2	72	4	46	0	0	3	173	0	0
3594	2	1733	0	0	0	0	2	812	0	0
3595	0	0	1	59	1	50	0	0	0	0
3598	11	450	28	716	0	0	5	1015	9	494
FRM YTD	85	4466	84	2401	1	50	56	3443	78	964
TOT YTD	439	8944	237	3808	5	71	279	4745	194	2297

U.S. EXPORTS OF MACHINE TOOLS YEAR TO DATE SUMMARY
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
JUNE 1988

674:	SWITZERLAND		U. KINGDOM		USSR		W. GERMANY		YUGOSLAVIA	
	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	0	0	1	880	2	601	0	0
3045	0	0	0	0	0	0	1	80	0	0
3204	0	0	9	519	0	0	1	150	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	2	544	0	0	0	0	0	0
3211	0	0	2	101	0	0	1	29	0	0
3216	0	0	0	0	0	0	0	0	0	0
3225	0	0	0	0	0	0	3	237	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	2	492	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	0	0	0	0	0	0	0	0
3254	0	0	0	0	0	0	2	83	0	0
3255	0	0	0	0	0	0	1	185	0	0
3256	0	0	2	33	0	0	0	0	0	0
3257	0	0	4	231	0	0	0	0	0	0
3258	0	0	1	3	0	0	3	139	0	0
3264	0	0	0	0	0	0	0	0	0	0
3266	0	0	0	0	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	1	193	1	154	0	0	1	5	0	0
3276	0	0	0	0	0	0	0	0	0	0
3277	2	38	0	0	0	0	5	83	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	0	0	2	317	0	0	2	119	0	0
3503	0	0	0	0	0	0	0	0	0	0
3505	0	0	26	1396	0	0	0	0	0	0
3507	0	0	11	1458	0	0	0	0	0	0
3509	0	0	0	0	0	0	0	0	0	0
3510	1	3	0	0	0	0	1	220	0	0
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	5	50	0	0	0	0	0	0
3516	0	0	0	0	0	0	1	63	0	0
3518	10	91	8	352	0	0	2	51	0	0
3521	1	48	0	0	0	0	0	0	0	0
3523	0	0	1	56	0	0	0	0	0	0
3525	0	0	1	20	0	0	1	21	0	0
3528	1	215	14	936	0	0	11	1309	0	0
3529	0	0	4	156	0	0	9	227	0	0
3531	2	7	4	158	0	0	27	212	0	0
3532	11	140	11	114	6	67	65	625	0	0
3533	0	0	0	0	0	0	0	0	0	0
3538	1	337	4	32	0	0	2	68	0	0
3541	0	0	1	53	0	0	1	100	0	0
3542	0	0	3	98	0	0	3	488	0	0
3544	5	55	6	125	0	0	22	1428	0	0
3546	7	33	25	655	0	0	4	435	0	0
3547	0	0	1	58	0	0	1	129	0	0
3549	2	54	11	82	0	0	3	5	0	0
3551	0	0	0	0	0	0	1	65	0	0
3553	1	70	0	0	0	0	1	180	0	0
3559	0	0	5	592	0	0	0	0	0	0
3565	1	16	14	202	1	14	3	51	0	0
3566	0	0	1	25	0	0	0	0	0	0
3567	1	6	3	20	0	0	7	208	0	0
4000	23	311	95	3294	0	0	24	306	1	74
5000	71	50	1302	802	0	0	565	525	0	0
CUT YTD	141	1667	1579	12636	8	961	778	8919	1	74
1011	0	57	0	646	0	0	0	983	0	144
3568	0	0	10	310	0	0	3	76	0	0
3569	29	14	58	41	0	0	809	416	0	0
3571	0	0	2	93	0	0	3	465	1	205
3573	0	0	0	0	0	0	0	0	0	0
3575	1	60	15	390	0	0	12	601	0	0
3578	0	0	2	47	0	0	7	427	0	0
3582	0	0	0	0	0	0	0	0	0	0
3583	0	0	0	0	0	0	0	0	0	0
3584	0	0	49	734	0	0	41	1229	1	95
3588	0	0	7	1364	0	0	2	2035	0	0
3589	2	71	7	216	2	52	2	283	0	0
3590	1	62	16	741	0	0	58	3293	0	0
3594	0	0	0	0	0	0	17	3082	0	0
3595	0	0	0	0	0	0	0	0	0	0
3598	5	652	42	2182	0	0	15	241	2	189
FRM YTD	38	916	208	6764	2	52	969	13131	4	633
TOT YTD	179	2583	1787	19400	10	1013	1747	22050	5	707

U S. EXPORTS OF MACHINE TOOLS YEAR TO DATE SUMMARY
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
JUNE 1988

	OTH. EUROPE		CANADA		MEXICO		OTH. N & C		ARGENTINA	
674	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	42	1592	0	0	0	0	0	0
3045	0	0	3	1195	1	192	0	0	0	0
3204	0	0	14	1277	2	66	0	0	1	134
3206	0	0	1	95	0	0	0	0	0	0
3209	0	0	3	1113	1	40	0	0	0	0
3211	1	53	5	524	13	383	0	0	0	0
3216	0	0	6	2093	0	0	0	0	0	0
3225	0	0	2	178	0	0	0	0	0	0
3245	0	0	0	0	1	267	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	1	512	0	0	0	0	0	0	0	0
3248	0	0	1	150	1	68	0	0	0	0
3249	0	0	5	354	3	69	1	12	0	0
3254	0	0	2	101	3	190	0	0	0	0
3255	1	138	1	58	4	259	0	0	0	0
3256	0	0	1	57	4	82	0	0	0	0
3257	0	0	1	3	3	36	0	0	0	0
3258	1	6	5	84	18	288	3	11	0	0
3264	0	0	5	1047	0	0	0	0	0	0
3266	0	0	19	2827	1	12	0	0	0	0
3267	0	0	2	88	0	0	0	0	0	0
3268	0	0	1	54	0	0	0	0	0	0
3269	0	0	4	918	36	516	2	32	0	0
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	5	440	12	911	0	0	0	0
3281	0	0	0	0	1	85	0	0	0	0
3283	0	0	17	1416	29	788	3	31	0	0
3503	0	0	2	175	10	887	0	0	0	0
3505	0	0	9	675	0	0	0	0	3	247
3507	0	0	5	1070	0	0	0	0	1	179
3509	0	0	0	0	4	590	0	0	0	0
3510	0	0	10	204	14	236	2	10	0	0
3511	1	130	1	328	0	0	0	0	0	0
3512	0	0	2	175	1	25	0	0	0	0
3515	0	0	7	54	0	0	0	0	0	0
3516	0	0	8	184	2	80	0	0	0	0
3518	3	36	16	218	54	698	2	16	0	0
3521	0	0	0	0	0	0	0	0	0	0
3523	0	0	0	0	1	70	0	0	0	0
3525	0	0	3	372	22	1185	0	0	0	0
3528	1	154	6	725	42	12353	0	0	0	0
3529	0	0	3	42	3	49	0	0	0	0
3531	2	12	83	706	30	310	0	0	0	0
3532	9	97	9	192	23	283	3	35	0	0
3533	0	0	12	136	2	6	0	0	0	0
3538	0	0	9	1008	46	583	0	0	0	0
3541	0	0	4	87	3	567	0	0	0	0
3542	0	0	3	1385	0	0	1	21	0	0
3544	0	0	19	1828	11	122	0	0	3	31
3546	0	0	15	1869	64	756	1	8	0	0
3547	0	0	0	0	0	0	0	0	0	0
3549	3	6	24	160	15	180	0	0	1	2
3551	1	50	1	24	1	42	0	0	0	0
3553	0	0	12	785	4	200	0	0	0	0
3559	0	0	44	925	1	111	0	0	0	0
3565	0	0	101	931	91	954	3	20	1	194
3566	0	0	0	0	0	0	0	0	0	0
3567	0	0	22	443	48	1231	2	6	0	0
4000	14	293	309	2924	1588	7349	58	200	0	0
5000	128	93	5564	2667	1118	539	187	137	109	86
CUT YTD	166	1580	6448	35956	3331	33658	268	539	119	873
1011	0	231	0	3498	0	367	0	98	0	0
3568	1	28	114	1263	255	2912	6	111	8	210
3569	33	11	1552	887	388	452	6	8	6	6
3571	1	28	24	4984	0	0	2	160	1	128
3573	0	0	13	298	13	183	0	0	0	0
3575	2	22	53	1128	57	1406	7	59	0	0
3578	10	332	10	333	2	114	3	119	0	0
3582	0	0	12	600	6	327	0	0	0	0
3583	0	0	1	54	7	308	0	0	0	0
3584	26	510	140	2342	47	983	0	0	2	43
3588	1	108	11	734	51	1137	0	0	4	98
3589	2	73	0	0	14	648	0	0	0	0
3590	1	35	105	3808	296	5154	1	6	0	0
3594	0	0	5	1245	1	119	0	0	0	0
3595	1	6	13	267	17	373	3	51	1	12
3598	1	13	142	5154	76	1238	6	153	4	95
FRM YTD	79	1497	2195	26595	1230	15721	34	765	26	592
TOT YTD	245	2977	8643	62551	4561	49379	302	1304	145	1465

U.S. EXPORTS OF MACHINE TOOLS YEAR TO DATE SUMMARY
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
JUNE 1988

	BRAZIL		COLOMBIA		VENEZUELA		OTH. S. AM		CHINA	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	0	0	0	0	2	80	0	0
3045	2	294	3	238	5	692	0	0	0	0
3204	0	0	0	0	1	25	0	0	0	0
3206	0	0	0	0	4	899	0	0	2	612
3209	0	0	0	0	1	300	0	0	0	0
3211	4	254	3	221	0	0	0	0	1	1020
3216	0	0	0	0	0	0	0	0	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	1	425
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	0	0	0	0	0	0	0	0
3254	0	0	0	0	0	0	0	0	0	0
3255	0	0	0	0	1	60	0	0	0	0
3256	0	0	0	0	0	0	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	1	6	1	5	0	0	4	71	1	16
3264	0	0	0	0	0	0	0	0	1	121
3266	0	0	0	0	4	84	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	4	306	0	0	25	671	1	17	0	0
3276	0	0	0	0	0	0	0	0	0	0
3277	2	86	0	0	10	170	0	0	3	334
3281	0	0	0	0	0	0	0	0	0	0
3283	0	0	0	0	2	94	0	0	2	201
3503	2	235	0	0	5	937	0	0	2	2566
3505	0	0	0	0	4	505	0	0	0	0
3507	0	0	0	0	0	0	0	0	0	0
3509	0	0	0	0	0	0	0	0	0	0
3510	0	0	2	11	0	0	0	0	1	14
3511	0	0	0	0	8	614	0	0	1	229
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	1	6	0	0	0	0
3516	8	316	5	200	0	0	0	0	0	0
3518	0	0	2	20	5	58	0	0	0	0
3521	0	0	0	0	0	0	0	0	0	0
3523	0	0	0	0	0	0	0	0	0	0
3525	0	0	1	12	1	20	0	0	0	0
3528	0	0	1	45	0	0	1	31	10	784
3529	0	0	0	0	1	33	0	0	0	0
3531	1	50	1	4	2	12	0	0	13	666
3532	0	0	3	36	0	0	0	0	23	392
3533	0	0	0	0	0	0	0	0	22	354
3538	5	760	0	0	6	68	6	47	4	950
3541	0	0	0	0	1	136	0	0	0	0
3542	0	0	0	0	0	0	0	0	1	433
3544	8	62	0	0	0	0	0	0	2	306
3546	0	0	0	0	3	202	0	0	4	102
3547	0	0	0	0	0	0	0	0	0	0
3549	0	0	2	35	5	44	1	4	1	18
3551	0	0	0	0	0	0	0	0	0	0
3553	0	0	0	0	0	0	3	349	1	12
3559	1	36	0	0	1	24	0	0	0	0
3565	0	0	3	25	0	0	1	13	4	64
3566	0	0	0	0	1	34	0	0	0	0
3567	0	0	1	8	5	91	0	0	1	64
4000	8	371	53	642	72	1226	39	202	97	940
5000	31	40	42	46	2137	571	91	86	30	24
CUT YTD	77	2816	121	1548	2311	7576	149	900	228	10647
1011	0	66	0	18	0	59	0	157	0	0
3568	5	151	6	45	5	65	0	0	0	0
3569	4	4	9	8	88	38	12	10	0	0
3571	0	0	0	0	1	258	0	0	1	274
3573	0	0	0	0	1	33	0	0	1	48
3575	4	69	2	20	11	131	7	65	10	265
3578	0	0	0	0	10	507	0	0	5	191
3582	0	0	0	0	0	0	3	32	0	0
3583	0	0	0	0	0	0	0	0	0	0
3584	0	0	2	15	1	125	2	42	19	750
3588	5	126	2	50	9	1118	0	0	0	0
3589	0	0	0	0	0	0	0	0	2	240
3590	0	0	3	222	3	266	1	18	4	566
3594	9	2538	1	123	0	0	0	0	0	0
3595	0	0	0	0	4	311	2	31	0	0
3598	12	855	4	144	8	1415	2	47	6	564
FRM YTD	39	3809	29	645	141	4326	29	402	48	2898
TOT YTD	116	6625	152	2193	2452	11902	178	1302	276	13545

U.S. EXPORTS OF MACHINE TOOLS YEAR TO DATE SUMMARY
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
JUNE 1988

	HONG KONG		INDIA		INDONESIA		ISRAEL		JAPAN	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	0	0	0	0	8	120	1	240
3045	1	144	2	939	0	0	0	0	6	1633
3204	0	0	0	0	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	0	0	0	0	0	0	0	0
3211	0	0	0	0	0	0	0	0	0	0
3216	0	0	0	0	0	0	0	0	3	716
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	1	7	0	0	0	0	0	0
3254	0	0	0	0	0	0	0	0	0	0
3255	0	0	0	0	0	0	0	0	2	124
3256	0	0	0	0	0	0	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	0	0	0	0	0	0	0	0	0	0
3264	0	0	0	0	0	0	0	0	2	143
3266	0	0	0	0	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	1	217	0	0	0	0	0	0	6	443
3276	0	0	0	0	0	0	0	0	0	0
3277	1	14	0	0	6	109	1	15	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	0	0	0	0	0	0	0	0	2	159
3503	1	390	0	0	0	0	0	0	5	541
3505	2	215	0	0	0	0	0	0	2	329
3507	0	0	0	0	0	0	0	0	0	0
3509	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	4	41
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	1	30	0	0	0	0	1	62
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	1	3	0	0	0	0	2	36	32	2223
3521	0	0	0	0	0	0	0	0	0	0
3523	0	0	0	0	0	0	0	0	0	0
3525	0	0	2	50	3	48	1	58	2	89
3528	0	0	1	354	0	0	0	0	5	1493
3529	0	0	1	34	0	0	0	0	1	30
3531	11	82	0	0	0	0	0	0	4	359
3532	3	34	1	18	0	0	1	10	2	27
3533	8	94	0	0	0	0	0	0	0	0
3538	0	0	1	8	0	0	16	3011	3	24
3541	0	0	0	0	0	0	0	0	0	0
3542	0	0	0	0	0	0	0	0	1	447
3544	2	9	0	0	0	0	0	0	15	1231
3546	0	0	0	0	0	0	0	0	10	27
3547	0	0	0	0	0	0	0	0	0	0
3549	1	123	0	0	0	0	0	0	0	0
3551	0	0	0	0	0	0	1	37	0	0
3553	4	70	0	0	0	0	0	0	23	477
3559	1	11	5	400	0	0	1	13	0	0
3565	1	20	6	94	0	0	3	46	17	321
3566	0	0	0	0	0	0	0	0	0	0
3567	0	0	0	0	0	0	1	3	4	190
4000	10	164	23	464	17	132	10	51	21	141
5000	141	102	89	55	0	0	51	32	946	526
CUT YTD	189	1692	133	2453	26	289	96	3432	1120	12036
1011	0	54	0	72	0	0	0	26	0	248
3568	0	0	2	33	0	0	0	0	6	95
3569	21	18	0	0	5	4	0	0	45	49
3571	0	0	0	0	0	0	2	675	1	122
3573	1	20	0	0	0	0	1	35	5	75
3575	5	47	2	29	0	0	5	115	41	1024
3578	1	70	0	0	1	281	0	0	4	221
3582	6	847	1	49	0	0	0	0	1	30
3583	0	0	0	0	0	0	0	0	0	0
3584	5	66	1	14	0	0	1	16	38	2581
3588	4	93	0	0	0	0	1	63	14	3392
3589	1	21	7	230	0	0	0	0	13	414
3590	10	929	2	149	0	0	2	24	48	8101
3594	0	0	1	454	0	0	1	389	0	0
3595	0	0	0	0	0	0	0	0	2	25
3598	34	795	8	199	0	0	1	467	29	3234
RM YTD	88	2960	24	1229	6	285	14	1810	247	19611
TOT YTD	277	4652	157	3682	32	574	110	5242	1367	31647

U.S. EXPORTS OF MACHINE TOOLS YEAR TO DATE SUMMARY
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
JUNE 1988

	KOREAN REP.		PAKISTAN		S. ARABIA		SINGAPORE		TAIWAN	
374	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	4	925	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	0	0	1	684
3204	13	402	0	0	0	0	0	0	8	180
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	0	0	0	0	0	0	1	50
3211	1	130	3	131	0	0	0	0	0	0
3216	5	6635	0	0	0	0	0	0	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	1	320	0	0	0	0	0	0	0	0
3249	0	0	0	0	0	0	0	0	0	0
3254	1	254	0	0	0	0	1	27	0	0
3255	0	0	0	0	0	0	0	0	0	0
3256	0	0	1	48	0	0	2	67	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	0	0	0	0	0	0	4	42	0	0
3264	1	1620	0	0	0	0	0	0	0	0
3266	1	23	0	0	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	1	308	0	0	0	0	0	0	0	0
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	0	0	1	12	0	0	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	7	147	0	0	0	0	1	50	0	0
3503	0	0	0	0	0	0	0	0	0	0
3505	2	165	0	0	0	0	0	0	0	0
3507	0	0	0	0	0	0	0	0	0	0
3509	0	0	0	0	0	0	1	896	0	0
3510	5	641	0	0	0	0	2	7	0	0
3511	1	75	0	0	0	0	0	0	3	377
3512	1	186	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	6	342	0	0	2	29	3	49	12	67
3521	1	155	0	0	0	0	0	0	0	0
3523	0	0	0	0	0	0	0	0	2	57
3525	0	0	0	0	0	0	0	0	2	274
3528	7	1473	0	0	0	0	1	287	4	486
3529	8	362	0	0	0	0	0	0	0	0
3531	0	0	0	0	0	0	2	10	9	627
3532	15	247	0	0	0	0	0	0	8	107
3533	13	265	0	0	0	0	2	68	13	139
3538	6	677	2	34	0	0	4	300	5	394
3541	0	0	0	0	0	0	0	0	0	0
3542	2	477	0	0	0	0	0	0	0	0
3544	2	410	0	0	4	44	9	209	3	219
3546	4	533	0	0	0	0	1	280	2	70
3547	0	0	0	0	0	0	0	0	0	0
3549	0	0	0	0	0	0	0	0	2	14
3551	0	0	0	0	0	0	0	0	0	0
3553	6	151	0	0	0	0	0	0	0	0
3559	6	85	0	0	0	0	1	21	1	56
3565	5	71	1	23	5	161	0	0	9	200
3566	5	1061	0	0	0	0	0	0	0	0
3567	24	348	0	0	1	10	4	18	4	157
4000	82	4076	65	278	5	42	38	724	31	236
5000	254	190	0	0	172	152	814	204	258	91
CUT YTD	490	22754	72	514	190	450	890	3259	378	4485
1011	0	461	0	4	0	0	0	195	0	181
3568	5	70	0	0	0	0	5	50	0	0
3569	13	9	0	0	17	16	89	79	17	12
3571	1	95	0	0	0	0	0	0	0	0
3573	0	0	0	0	0	0	1	16	0	0
3575	46	1155	0	0	0	0	2	8	11	1219
3578	2	34	0	0	0	0	0	0	1	175
3582	1	82	0	0	0	0	0	0	1	33
3583	1	809	0	0	0	0	0	0	0	0
3584	11	592	0	0	1	8	0	0	5	126
3588	15	1757	0	0	0	0	8	491	1	121
3589	1	90	0	0	0	0	0	0	0	0
3590	14	2517	0	0	0	0	4	60	20	1234
3594	4	990	1	28	0	0	0	0	0	0
3595	2	52	0	0	0	0	0	0	0	0
3598	28	2181	4	99	2	143	15	452	18	3887
ERM YTD	144	10894	5	131	20	167	124	1351	74	6988
TOT YTD	634	33648	77	645	210	617	1014	4610	452	11473

U.S. EXPORTS OF MACHINE TOOLS YEAR TO DATE SUMMARY
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
JUNE 1988

674:	TURKEY		OTHER ASIA		AUSTRALIA		NEW ZEALAND		OTH OCEANIA	
	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	0	0	0	0
3204	0	0	1	32	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	0	0	1	402	0	0	0	0
3211	1	48	0	0	3	93	0	0	0	0
3216	0	0	0	0	0	0	0	0	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	0	0	0	0	0	0	0	0
3254	0	0	0	0	0	0	0	0	0	0
3255	0	0	0	0	0	0	0	0	0	0
3256	1	85	1	5	0	0	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	0	0	0	0	1	94	0	0	0	0
3264	1	59	0	0	0	0	0	0	0	0
3266	0	0	0	0	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	5	731	0	0	1	183	0	0	0	0
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	0	0	0	0	0	0	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	1	100	1	11	1	9	0	0	0	0
3503	0	0	0	0	1	130	0	0	0	0
3505	0	0	0	0	0	0	0	0	0	0
3507	0	0	0	0	0	0	0	0	0	0
3509	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	2	9	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	0	0	5	51	3	35	0	0
3521	0	0	0	0	0	0	0	0	0	0
3523	0	0	0	0	0	0	0	0	0	0
3525	0	0	0	0	1	35	0	0	0	0
3528	1	70	0	0	0	0	0	0	0	0
3529	1	197	0	0	0	0	0	0	0	0
3531	1	3	2	9	1	37	0	0	1	4
3532	0	0	5	107	14	119	0	0	0	0
3533	0	0	5	121	0	0	0	0	0	0
3538	0	0	5	145	0	0	0	0	0	0
3541	0	0	0	0	0	0	0	0	0	0
3542	1	564	0	0	0	0	0	0	0	0
3544	0	0	0	0	0	0	0	0	0	0
3546	0	0	2	18	1	3	0	0	0	0
3547	0	0	1	3	0	0	0	0	0	0
3549	0	0	3	15	0	0	0	0	0	0
3551	0	0	0	0	0	0	0	0	0	0
3553	0	0	0	0	0	0	0	0	0	0
3559	0	0	1	11	2	327	0	0	0	0
3565	1	18	2	34	0	0	1	7	0	0
3566	0	0	0	0	0	0	0	0	0	0
3567	0	0	1	494	3	156	0	0	0	0
4000	3	346	38	210	27	160	1	3	0	0
5000	25	16	115	130	103	126	64	67	0	0
CUT YTD	42	2237	183	1345	167	2134	69	112	1	4
1011	0	7	0	38	0	99	0	10	0	0
3568	1	3	8	137	0	0	0	0	0	0
3569	4	4	33	15	51	29	0	0	0	0
3571	0	0	0	0	8	658	0	0	0	0
3573	0	0	2	36	20	325	0	0	0	0
3575	0	0	79	2007	9	222	4	26	0	0
3578	0	0	0	0	1	15	0	0	0	0
3582	3	30	0	0	10	430	0	0	0	0
3583	0	0	0	0	0	0	0	0	0	0
3584	0	0	14	530	33	434	6	1688	0	0
3588	1	317	8	123	1	15	0	0	0	0
3589	0	0	1	52	4	101	0	0	0	0
3590	1	58	7	494	8	470	0	0	0	0
3594	0	0	1	75	2	25	0	0	0	0
3595	0	0	0	0	0	0	0	0	0	0
3598	1	189	11	1343	8	1983	0	0	0	0
ERM YTD	11	608	164	4850	155	4806	10	1724	0	0
TOT YTD	53	2845	347	6195	322	6940	79	1836	1	4

U.S. EXPORTS OF MACHINE TOOLS YEAR TO DATE SUMMARY
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
JUNE 1988

674:	EGYPT UNITS	EGYPT $000	REP. S. AFR UNITS	REP. S. AFR $000	OTH. AFRICA UNITS	OTH. AFRICA $000
3020	0	0	0	0	0	0
3045	0	0	0	0	0	0
3204	0	0	0	0	0	0
3206	0	0	0	0	0	0
3209	0	0	0	0	0	0
3211	0	0	0	0	0	0
3216	0	0	0	0	0	0
3225	0	0	0	0	0	0
3245	0	0	0	0	0	0
3246	0	0	0	0	0	0
3247	0	0	0	0	0	0
3248	0	0	0	0	0	0
3249	0	0	0	0	0	0
3254	0	0	0	0	0	0
3255	0	0	0	0	0	0
3256	0	0	0	0	0	0
3257	0	0	0	0	0	0
3258	0	0	0	0	0	0
3264	0	0	0	0	0	0
3266	0	0	0	0	0	0
3267	0	0	0	0	0	0
3268	0	0	0	0	0	0
3269	1	227	0	0	0	0
3276	0	0	0	0	0	0
3277	0	0	0	0	0	0
3281	0	0	0	0	0	0
3283	0	0	0	0	0	0
3503	0	0	0	0	0	0
3505	0	0	1	64	0	0
3507	0	0	0	0	0	0
3509	0	0	0	0	0	0
3510	0	0	0	0	0	0
3511	0	0	0	0	0	0
3512	0	0	0	0	0	0
3515	0	0	0	0	0	0
3516	0	0	0	0	0	0
3518	0	0	0	0	0	0
3521	0	0	0	0	0	0
3523	0	0	0	0	0	0
3525	0	0	0	0	0	0
3528	0	0	2	60	0	0
3529	0	0	0	0	0	0
3531	0	0	2	10	0	0
3532	0	0	15	144	0	0
3533	0	0	0	0	0	0
3538	0	0	1	120	0	0
3541	0	0	0	0	0	0
3542	0	0	0	0	0	0
3544	0	0	0	0	0	0
3546	0	0	1	3	0	0
3547	0	0	0	0	0	0
3549	0	0	1	2	0	0
3551	0	0	0	0	0	0
3553	0	0	0	0	0	0
3559	0	0	0	0	0	0
3565	0	0	0	0	2	29
3566	0	0	0	0	0	0
3567	0	0	0	0	1	75
4000	0	0	2	272	3	20
5000	0	0	272	437	1	2
CUT YTD	1	227	297	1112	7	126
1011	0	9	0	25	0	49
3568	0	0	0	0	0	0
3569	0	0	9	4	0	0
3571	0	0	0	0	0	0
3573	0	0	0	0	0	0
3575	0	0	0	0	3	121
3578	0	0	0	0	0	0
3582	0	0	0	0	0	0
3583	0	0	0	0	0	0
3584	0	0	1	14	5	1250
3588	0	0	0	0	0	0
3589	0	0	0	0	0	0
3590	0	0	1	15	0	0
3594	0	0	0	0	0	0
3595	0	0	0	0	0	0
3598	0	0	0	0	0	0
FRM YTD	0	9	11	58	8	1420
TOT YTD	1	236	308	1170	15	1546

U.S. EXPORTS OF MACHINE TOOLS YEAR TO DATE SUMMARY TOTAL AND COUNTRIES OF DESTINATION
THE FOLLOWING IS A BREAKDOWN OF THE ACTIVITY BY COUNTRY WHICH IS INCLUDED IN THE
ALL OTHER COLUMNS
JUNE 1988

	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	$000	UNITS	$000	UNITS	$000
OTHER EUROPE						
AZORES	0	0	0	0	0	0
BULGARIA	5	413	2	269	7	682
CYPRUS	0	0	1	7	1	7
CZECHOSLOVAKIA	0	0	1	35	1	35
EAST GERMANY	0	0	1	28	1	28
FINLAND	29	38	32	550	61	588
GIBRALTAR	0	0	0	0	0	0
GREECE	12	210	0	0	12	210
HUNGARY	0	0	0	0	0	0
ICELAND	9	19	4	3	13	22
MALTA	0	0	0	0	0	0
NORWAY	102	188	31	293	133	481
PORTUGAL	9	712	7	212	16	924
ROMANIA	0	0	0	0	0	0
OTHER EUROPE	0	0	0	0	0	0
TOTAL	166	1580	79	1397	245	2977
OTHER NORTH AND CENTRAL AMERICA						
BAHAMAS	120	79	2	77	122	156
BARBADOS	1	2	1	71	2	73
BELIZE	0	0	0	0	0	0
BERMUDA	8	6	0	0	8	6
CAYMAN ISLANDS	0	0	0	0	0	0
COSTA RICA	19	61	9	137	28	198
DOMINICAN REP	18	99	8	58	26	157
FR. W. INDIES	0	0	0	0	0	0
GUATEMALA	34	105	1	10	35	115
HAITI	1	3	2	53	3	56
HONDURAS	8	39	5	93	13	122
JAMAICA	3	10	2	19	5	29
LW & WW IS	0	0	0	0	0	0
NICARAGUA	0	0	0	0	0	0
N. ANTILLES	6	7	0	2	6	9
PANAMA	5	18	0	0	5	18
SALVADOR	33	36	2	85	35	121
TRINIDAD	7	49	0	0	7	49
TURK ISLAND	1	2	0	0	1	2
OTHER N & C AM	4	33	2	160	6	193
TOTAL	268	539	34	765	302	1304
OTHER SOUTH AMERICA						
BOLIVIA	29	21	0	0	29	21
CHILE	53	305	20	214	73	519
ECUADOR	24	37	4	117	28	154
FRENCH GUIANA	0	0	0	0	0	0
GUYANA	0	0	0	0	0	0
PARAGUAY	6	36	0	0	6	36
PERU	10	428	3	56	13	484
SURINAM	0	0	1	8	1	8
URAGUAY	26	68	1	7	27	75
OTHER S. AM	1	5	0	0	1	5
TOTAL	149	900	29	402	178	1302
OTHER OCEANIA						
FR. PAC. IS	0	0	0	0	0	0
NEW GUINEA	0	0	0	0	0	0
SAMOA	0	0	0	0	0	0
TERR. PAC. IS	0	0	0	0	0	0
OTH. PAC. IS	0	0	0	0	0	0
OTHER OCEANIA	1	4	0	0	1	4
TOTAL	1	4	0	0	1	4

U.S. EXPORTS OF MACHINE TOOLS YEAR TO DATE SUMMARY TOTAL AND COUNTRIES OF DESTINATION
THE FOLLOWING IS A BREAKDOWN OF THE ACTIVITY BY COUNTRY WHICH IS INCLUDED IN THE ALL OTHER COLUMNS
JUNE 1988

	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	$000	UNITS	$000	UNITS	$000
OTHER ASIA						
ADEN	0	0	0	0	0	0
AFGHANISTAN	0	0	0	0	0	0
ARAB EMIRATES	15	572	14	5	29	577
BAHRAIN	4	3	1	8	5	11
BANGALDESH	0	0	0	4	0	4
BRUNEI	0	0	0	0	0	0
BURMA	1	5	0	0	1	5
GAZA STRIP	0	0	0	0	0	0
IRAN	0	0	0	0	0	0
IRAQ	0	0	0	0	0	0
JORDAN	12	12	0	0	12	12
KUWAIT	35	42	1	283	36	325
LEBANON	0	0	0	0	0	0
MALAYSIA	57	253	86	2043	143	2296
NEPAL	0	0	0	0	0	0
OMAN	0	0	0	0	0	0
PHILIPPINES	21	178	14	290	35	468
QATAR	6	15	1	29	7	44
SRI LANKA	0	0	0	0	0	0
SYRIA	0	0	0	0	0	0
THAILAND	32	265	47	2188	79	2453
YEMEN	0	0	0	0	0	0
OTHER ASIA	0	0	0	0	0	0
TOTAL	183	1345	164	4850	347	6195
OTHER AFRICA						
AFARS & ISSAS	0	0	0	0	0	0
ALGERIA	0	0	1	199	1	199
ANGOLA	0	0	0	0	0	0
BENIN	0	0	0	0	0	0
BOTSWANA	0	0	0	0	0	0
CAMEROON	0	0	0	0	0	0
CANARY ISLANDS	0	0	0	0	0	0
DAHOMENY	0	0	0	0	0	0
ETHIOPIA	0	0	1	28	1	28
GABON	2	92	0	0	2	92
GHANA	0	0	0	16	0	16
GUINEA	1	12	0	0	1	12
IVORY COAST	0	0	0	0	0	0
KENYA	2	12	2	12	4	24
LESOTHO	0	0	0	0	0	0
LIBERIA	0	0	0	0	0	0
LIBYA	0	0	0	0	0	0
MALAGASY REP	0	0	0	0	0	0
MALAWI	0	0	0	0	0	0
MAURITANIA	0	0	0	0	0	0
MAURITIUS	1	2	0	0	1	2
MOROCCO	0	0	3	1023	3	1023
MOZAMBIQUE	0	0	0	0	0	0
NIGER	0	0	0	0	0	0
NIGERIA	1	8	1	109	2	117
RWANDA	0	0	0	0	0	0
SENEGAL	0	0	0	0	0	0
SIERRA LEONE	0	0	0	0	0	0
SOMALIA	0	0	0	0	0	0
S. W. AFRICA	0	0	0	0	0	0
SUDAN	0	0	0	0	0	0
SWAZILAND	0	0	0	0	0	0
TANZANIA	0	0	0	0	0	0
TOGO	0	0	0	0	0	0
TUNISIA	0	0	0	24	0	24
UGANDA	0	0	0	0	0	0
ZAIRE	0	0	0	0	0	0
ZAMBIA	0	0	0	0	0	0
ZIMBABWE	0	0	0	9	0	9
OTH. WEST AFR	0	0	0	0	0	0
OTHER AFRICA	0	0	0	0	0	0
TOTAL	7	126	8	1420	15	1546

SOURCE: U.S. DEPARTMENT OF COMMERCE CENSUS REPORT NO. EM522; NATIONAL MACHINE TOOL BUILDERS' ASSOCIATION

NOTES: 1)'0-' = DOLLAR AMOUNT LESS THAN $500. 2)N.E.C. = NOT ELSEWHERE CLASSIFIED 3)INDIVIDUAL ITEMS MAY NOT ADD TO TOTALS DUE TO ROUNDING.